

HAWAII DEPARTMENT OF EDUCATION STATEWIDE FACILITY MASTER PLAN



JACOBS **SECO**

**COOPERATIVE
STRATEGIES**
COOPERATIVE CONSULTING & MANAGEMENT PLANNING FOR EDUCATION

APRIL 2019



Acknowledgments

The Jacobs team thanks the Hawaii Department of Education (HIDOE) for allowing us the privilege to serve the public school communities of Hawaii. Our work is dedicated to the hundreds of students, parents, teachers, administrators, facility planners, and community volunteers who lent their time, passion, and voices to envision and design a bright future for students of the Aloha State. These individuals are named in [Appendix J](#).

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Executive Summary

To fulfill the Strategic Plan objectives to work with stakeholders to secure and maximize state resources for public education and to be efficient and transparent to provide a high level of service and accountability, the Hawaii Department of Education (HIDOE) and Board of Education launched its first-ever statewide Facility Master Plan (FMP) in mid-2017, informed by a heightened level of data and insights from the 2016 Statewide Facility Assessment.

Purpose

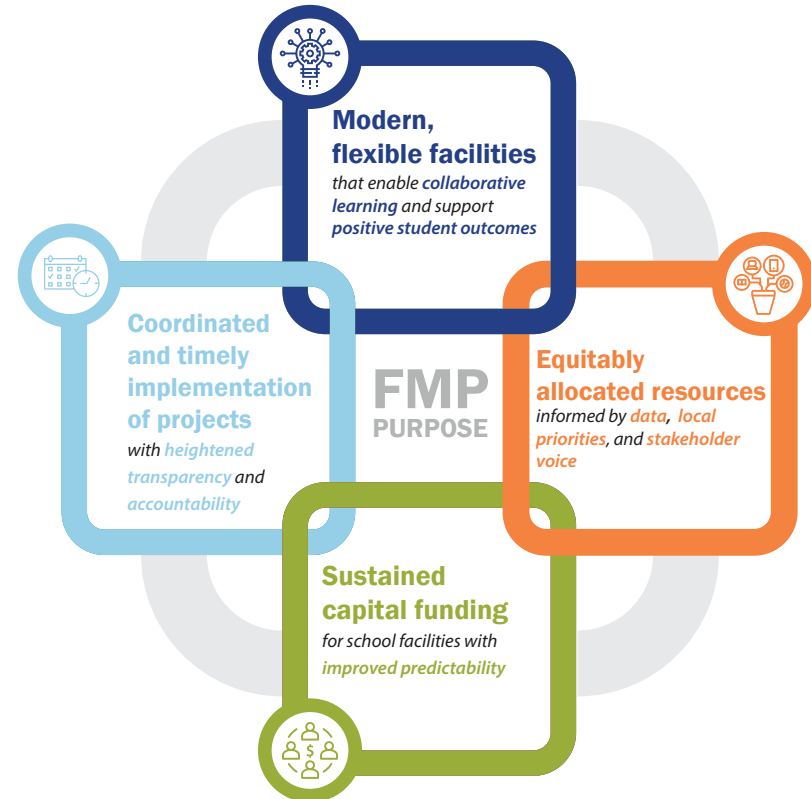
Published in April 2019, the FMP is a 10-year strategic plan that provides a roadmap for equitably prioritizing and implementing public school facility projects statewide. It also aims to address systemic challenges and produce four positive results: modern, flexible facilities; equitably allocated resources; sustained capital funding; and coordinated and timely implementation of projects.

Process

This ambitious plan was developed by 500 local HIDOE and community stakeholders, including 100 students who volunteered dozens of hours in a year-long collaborative, transparent planning process tailored to meet the needs of Hawaii's unique geography.

Over the course of 10 months, these participants served in 24 cross-sectional committees, lending their voices in over 100 workshops across the state to envision long-range goals, review demographic and facility data, and to develop, vet, refine, and prioritize operational scenarios and facility options for their respective regions.

The overt stakeholder engagement of the FMP culminated with a two-day Statewide Allocation Summit (SAS) in March 2019, attended by more than 50 people from all regions of the state, including HIDOE leadership and legislative officials as well as staff, students, and community representatives. During the SAS, stakeholders built consensus on the core values and criteria that drive funding decisions and equitable sequencing of projects. Drawing inspiration from a student panel discussion, SAS participants also worked in small-group discussion to define goals and strategies for successful implementation.



Results

The results are bold. FMP stakeholders challenged assumptions about the status quo and assumed a positive perspective about obstacles. In addition to new schools and 21st century buildings, they also envisioned transformative outcomes, such as inter-campus collaborations, public-private partnerships, expanded Pre-K, new grade configurations, repurposed facilities, and updated school portfolios. The details of these outcomes, developed and prioritized by local stakeholders, are documented in the facility Options Reports in [Appendices B-I](#).

To complement these tangible results, the stakeholders also aspire to have an educational system that is more equitable, transparent, and accountable, with a funding framework that allows HIDOE to provide predictable and high-quality service.

Stakeholders generated over 1,300 projects for all 261 campuses that HIDOE maintains (including six conversion charter schools). The cost estimate for implementing all top-priority FMP projects as defined by local school communities exceeds \$7 billion, and the cost jumps to more than \$11 billion when including all priority tiers. Note that these Priority 1 projects are the highest non-negotiable needs from each complex—not minor wish list items—such as basic solutions to address fundamental challenges of population shifts, insufficient power, maintenance for safe and comfortable buildings, and modest improvements that support the educational mission and help HIDOE prepare students to compete in our global economy.

While a current legislative allocation level of approximately \$300 million per year makes modest progress over the long term, it falls short of meeting stakeholder expectations. It would take 23 years to complete all Priority 1 projects, assuming current funding escalates proportionally to construction costs. This does not include unexpected legislative add-on projects or future growth beyond current six-year enrollment projections.

These large figures suggest three strategies for HIDOE:

- **Be strategic, efficient, and equitable** with current level of funding
- **Be innovative**, implement cost-avoidance strategies, and leverage assets into revenue streams
- **Be bold** and advocate for new state funding sources

Based on guidance provided by 50 stakeholders participating in the SAS, the FMP includes categorical project lists with data-driven rankings and running total costs with indicators whether each project fits within 10 years. This ranked list of statewide priorities is found in the “Statewide Project Sequencing Report” in [Appendix A](#).



Recommendations

Backed by more than 500 coauthors, the FMP outlines a 10-year roadmap with a four-point strategy and specific actions to rethink and transform operations in alignment with HIDOE’s mandate for transparent and accountable service to the community. Figure 6 outlines a management plan of critical activities building on recent successes, grouped in four

“swim lanes” aligned with FMP goals. This roadmap acknowledges that a fundamental change of political institutions requires significant time and effort. While overnight disruption is not feasible, gradual transition is.

With the plan now complete, it is time to act. This year is a pivotal launching point in which specific strategic measures will be deployed to lay a foundation for incremental transition over the next five years to a new framework for funding and delivering school facility projects.

Recommended strategies are:

Goal 1: Provide modern flexible facilities that enable collaborative learning and support positive student outcomes.

- Strategy 1a: Provide technical support for school design initiatives.
- Strategy 1b: Establish 21st century school design standards
- Strategy 1c: Project educational program reviews

Goal 2: Coordinated and timely implementation of projects by continuing to innovate project delivery practices, building on recent successes such as Job Order Contracting and Design-Build contracts.

- Strategy 2a: Customer and industry outreach
- Strategy 2b: Develop a proactive capital renewal and maintenance strategy
- Strategy 2c: Professional development
- Strategy 2d: Qualifications-Based/Best-Value Selection

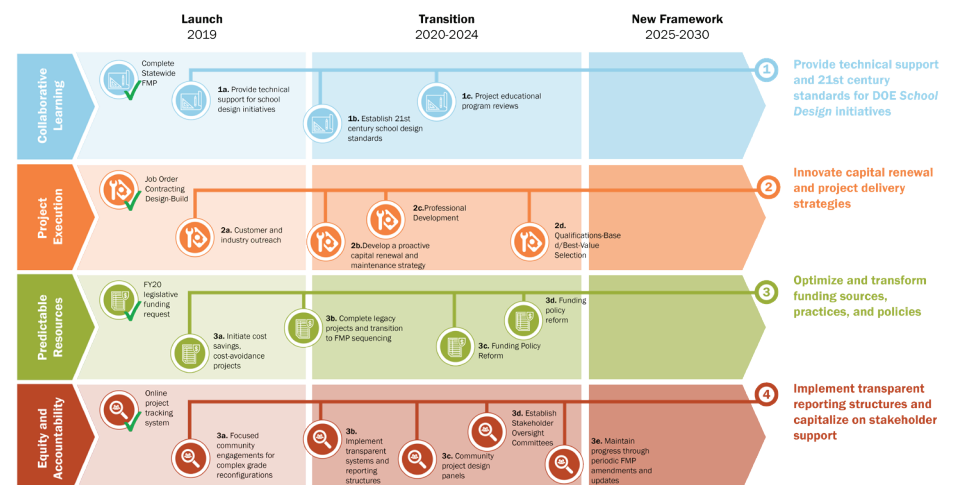
Goal 3: Sustained capital funding for school facilities with improved predictability.

- Strategy 3a: Initiate cost-saving, cost-avoidance, and revenue generating projects

- Strategy 3b: Complete legacy projects and transition to FMP sequencing
- Strategy 3c: Funding policy reform
- Strategy 3d: New funding sources

Goal 4: Achieve equity and accountability and capitalize on stakeholder support

- Strategy 4a: Focused community engagements for complex grade reconfigurations
- Strategy 4b: Implement transparent systems and reporting structures
- Strategy 4c: Community project design panels
- Strategy 4d: Establish Stakeholder Oversight Committees
- Strategy 4e: Maintain progress through periodic FMP amendments and updates



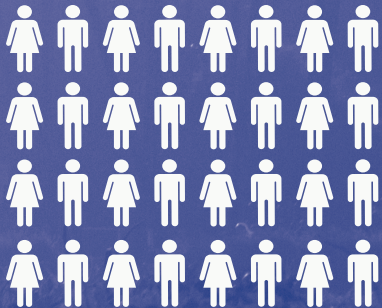
HAWAII DEPARTMENT OF EDUCATION

FACILITY MASTER PLAN

AT A GLANCE

500

LOCAL DOE
AND COMMUNITY
STAKEHOLDERS



24

COMMITTEES



10

EXECUTIVE PLANNING
COMMITTEES

14

STAKEHOLDER ADVISORY
COMMITTEES



100 STUDENTS

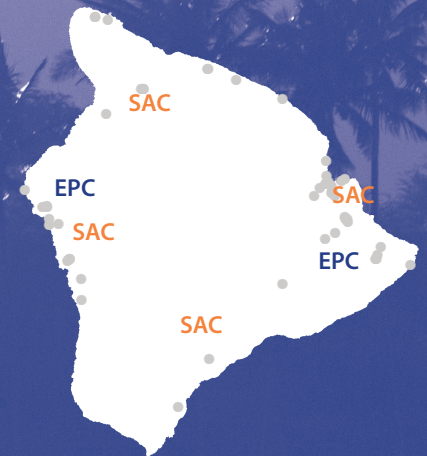


130

WORKSHOPS

1,300+

OPTIONS
LOCALLY
PRIORITIZED



CONTENTS

1 1. PURPOSE

5 2. PROCESS

11 3. RESULTS

15 4. RECOMMENDATIONS

27 Appendix A: Statewide Project Sequencing Report

21 Appendix B: Options Report Guide

25 Appendix C: Hawaii Northwest Options Reports

47 Appendix D: Hawaii Southeast Options Reports

71 Appendix E: Kauai Options Reports

85 Appendix F: Maui Options Reports

117 Appendix G: Windward Options Reports

143 Appendix H: Leeward Options Reports

175 Appendix I: Central Hawaii Options Reports

203 Appendix J: Honolulu Options Reports

243 Appendix K: Stakeholder Feedback

247 Appendix L: Acknowledgements

SPOTLIGHT ON...

Central District, Oahu

Mililani Option 8

Mililani Uka ES

Replace portables and outdated buildings

- Replace north portables with three-story classroom building, with fire lane along Building C, and replace portables and Buildings G, H, and J with new kitchen/cafeteria, parking, and covered space

BENEFITS:

- Replaces portables with modern spaces

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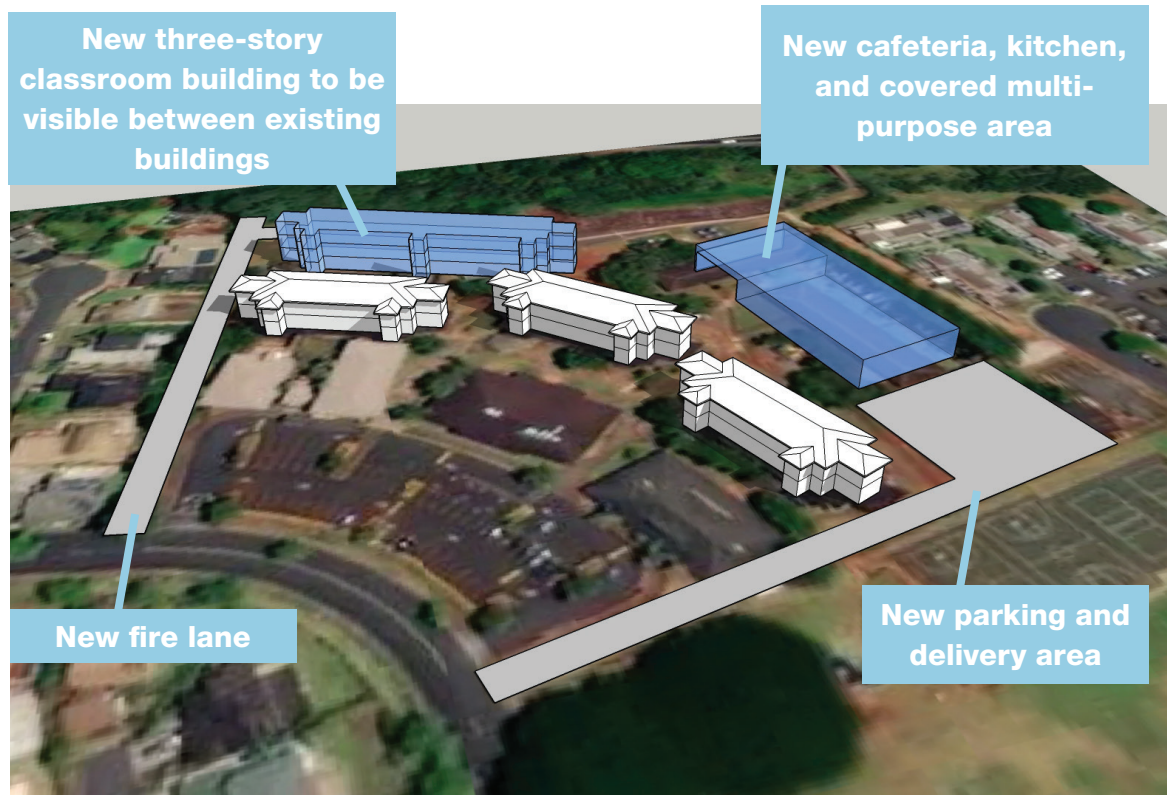
\$20-40M



Priority 1



Capacity
Funding Category



1. Purpose

The goal of this Facility Master Plan (FMP) is simple: **a quality school for every child, regardless of where they live.** School funding should be adequate to sustainably provide all students and teachers the basics of a safe, comfortable, and inspiring environment to teach and learn. Schools should have enough capacity in each community to provide a space for every student, while avoiding excess capacity that dilutes precious capital and operating funds from each classroom. Finally, schools should provide the flexible, fully equipped spaces needed to support best practices in project-based, student-centered learning.

While the goal is simple, the data demonstrate that solutions are not. As concluded in the 2016 Statewide Facility Assessment, Hawaii's more than 20 million square feet of public schools average 60 years old, requiring upkeep that far outpaces current funding levels. The state typically invests approximately \$100 million per year on repairs and maintenance of existing schools, which is less than one-third of recommended industry standard 2 percent of building replacement value.

At the same time, most Hawaii Department of Education (HIDOE) school buildings were originally built to support an outdated instructional model that has since evolved. As concluded in the 2016 Statewide Facility Assessment, most HIDOE schools fall short of Educational Specification standards, lacking the specialized facilities for critical academic content areas of Science, Technology, Engineering, and Math (STEM), Career Technical Education, and Visual and Performing Arts. Not surprisingly, the costliest categorical need prioritized by FMP stakeholders is additions and renovations to provide specialized instructional spaces ([see Results section](#)).

Hawaii's population continues a decades-long migration from urban and rural communities toward new suburban developments, creating a scenario where schools in high-growth complexes have an aggregate capacity shortage of more than 12,000 seats, while others are left with



more than 22,000 surplus capacity for students that are no longer there. Schools should be enrolled at a balanced range of 80 percent and 120 percent of capacity, but in the 2017-18 school year, one-third of HIDOE schools operated outside of this range, with outlier utilization rates over 150 percent and well below 50 percent. This demographic trend also results in outlier school sizes that push resources to the limits of manageability. Last year, while 18 HIDOE elementary schools were enrolled higher than 800 students and topping out higher than 1,200 students, 33 of HIDOE's smallest schools had lower than 300 students enrolled, challenging their ability to deliver quality programs given HIDOE's Weighted Student Formula operating budgets.

These challenges are not unique to Hawaii. The majority of public schools across the country were built in the mid-20th century with an expected serviceable life of 50-60 years. Starting around the year 2000, school districts began facing a stark challenge: traditional budgets to adequately maintain facilities operating within their expected life cycle became insufficient once they aged beyond their useful life. When facility repair budgets, renovation budgets, and the way in which priority capital projects were prioritized didn't change, maintenance backlogs grew, leaving our nation's facilities in worsening condition.

Unlike other U.S. public school districts, HIDOE has no autonomous taxing authority separate from state government. All HIDOE capital funding for facility maintenance and new construction is allocated in

two-year increments by the state legislature and is subject to dramatic fluctuations driven by competing public priorities and local politics. Until now, capital investment decisions for schools haven't been backed by a comprehensive set of objective data and consideration of local priorities and statewide equity.

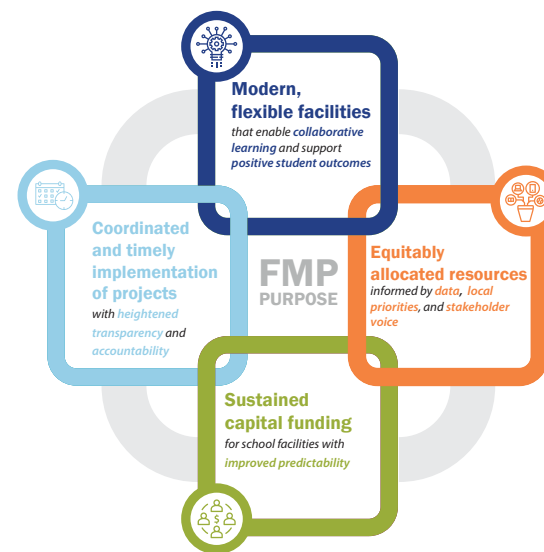
It is within the context of these challenges that HIDOE launched the first-ever statewide FMP in mid-2017, informed by a heightened level of data and insights from the 2016 Statewide Facility Assessment. The FMP provides a roadmap for equitably prioritizing and implementing public school facility projects statewide. It also aims to address systematic challenges and produce four positive results:

- **Modern, flexible facilities** that enable collaborative learning and positive student outcomes
- **Equitably allocated resources** informed by data, local priorities, and stakeholder voice
- **Sustained capital funding** for school facilities with improved predictability
- **Coordinated and timely implementation** of projects with heightened transparency and accountability

Modern, Flexible Facilities

HIDOE aims to refresh its portfolio from old, substandard facilities to modern, 21st century facilities. The educational adequacy assessment and stakeholder feedback made it clear: many of Hawaii's school facilities do not support collaborative teaching practices, and many lack dedicated science, art, music, and Career Technical Education spaces.

Best practices in modern teaching stem from the key idea that everyone in the classroom is a student, and everyone a teacher. To support this key concept, the learning environment needs to move beyond the traditional four walls of the classroom and beyond the 50 minutes of the traditional class period. Instructional practices, and the facilities that support them, should foster flexibility in how, when, where, and with whom students learn. The teacher becomes a facilitator rather than a lecturer.



Modern facilities provide a diverse array of learning spaces, arranged such that students and teachers alike have access to a variety of learning environments and tools close to each other. Adjacent spaces should be visually transparent to each other to facilitate accountability while ensuring there is enough acoustic separation to allow teachers and students to focus without distraction.

When new construction or major renovations are impractical, many stakeholder groups prioritized renovating two to four classrooms in their schools for art, science, and other project-based learning activities. These Science, Technology, Engineering, Arts, and Mathematics (STEAM) renovations will be an important step to making 21st century learning spaces accessible to all Hawaii's students.

Equitably Allocated Resources

Capital funding for public school facilities is allocated by the state government on a two-year cycle in which HIDOE budget requests are vetted by the governor and negotiated between both chambers of the state legislature. Hawaii's elected officials have a challenging task to weigh the need for school funding against other competing state

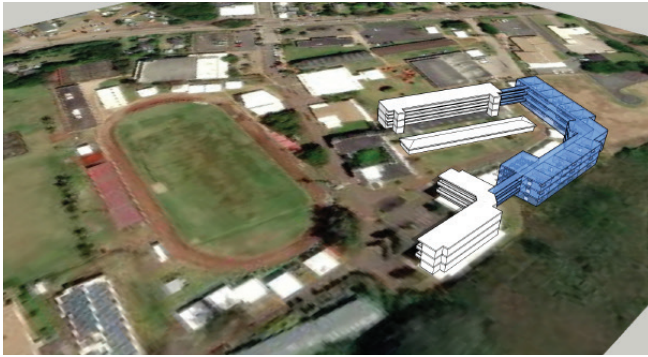


Figure 1: Kahuku Intermediate School and High School Option 8 rendering, showing a three-story classroom building addition replacing aging portables to help over-utilization.

priorities—such as airports, highways, prisons, stadiums, and the University of Hawaii system—each having more needs than the current budget framework can support.

Making the challenge more complex is that HIDOE’s funding requests are a detailed menu of projects allowing politics to drive decisions rather than common values and objective data. While some categories of needs are aggregated “lump sum” budgets that HIDOE has the latitude to use in the best interest of students, many single-school “legislative add-on” line item projects are promoted ahead of other priorities, diluting available facility funding for the rest of HIDOE schools.

Without a strategic plan, the result has been sustained inequitable allocation of public resources, with some students benefiting at the expense of others who are under-represented.

The FMP aims for a gradual transition to a new public decision framework to identify and prioritize capital projects statewide based on consistent, objective data and empowered local voice. This transition will require strength of political leadership and sustained public engagement to ensure local communities help inform how projects are implemented.

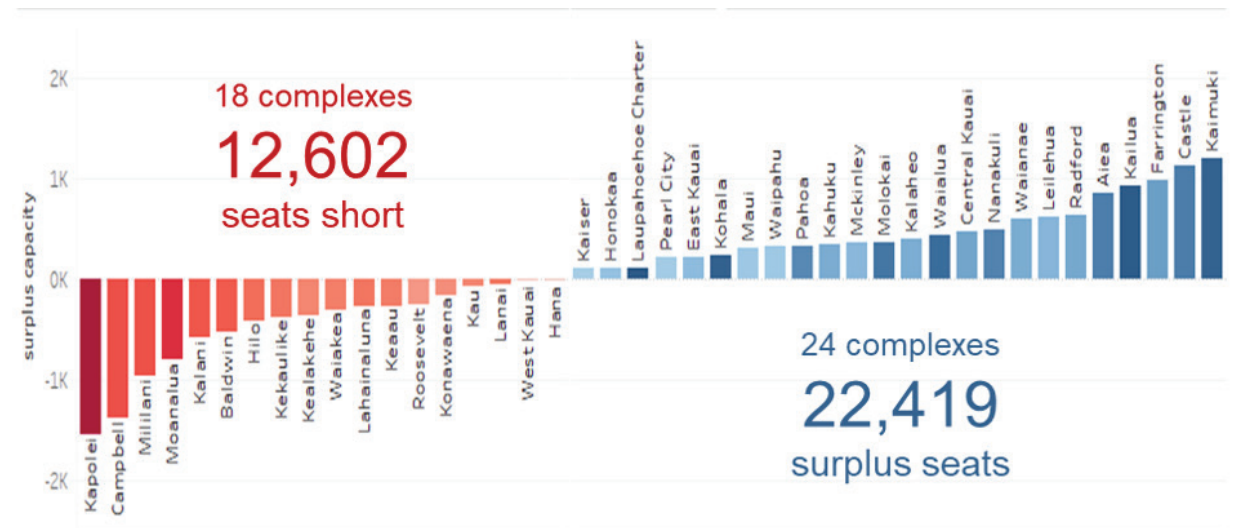
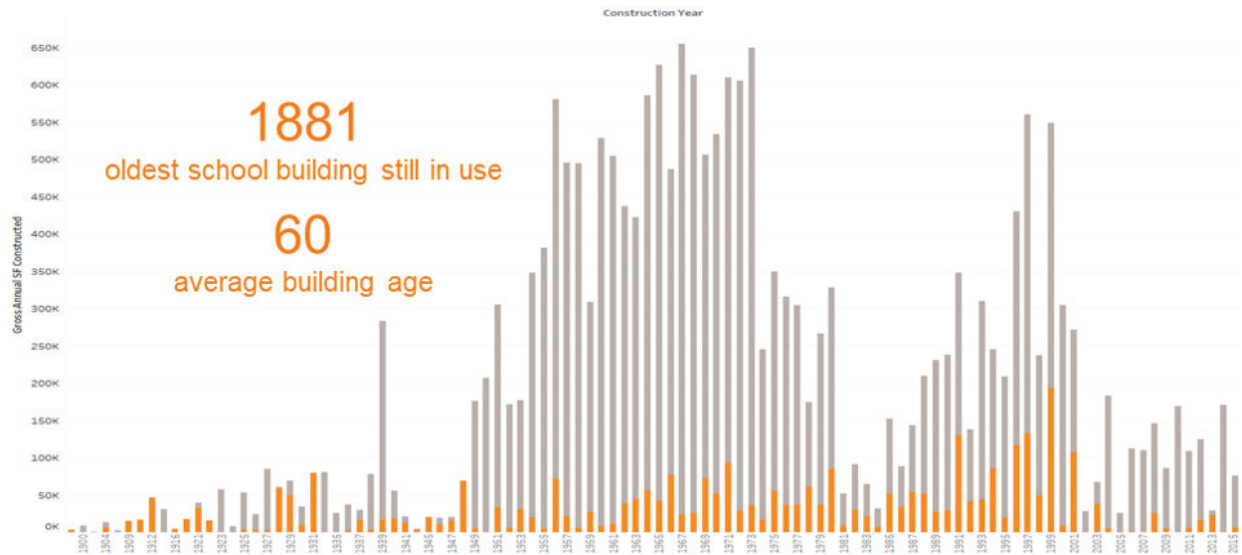
Sustained Capital Funding

HIDOE serves 261 schools with extensive capital needs far eclipsing traditional budgets, and it faces the challenge of whether to make modest
HIDOE Facility Master Plan Final Report

improvements at many schools or significant improvements at a select few. Moreover, a project’s funds must be spent within a two-year window or they lapse, a timeframe shorter than many project schedules in Hawaii allow. This reality drives a “pay as you go” approach to capital projects, with initial design funds allocated without the promise of securing construction funding. In the case of large projects (such as new schools), this translates to splitting projects into multiple construction phases, exposing HIDOE to schedule delays, escalating costs, and contractor liability risk. The results are predictably unpredictable: biennium funding allocations for school facilities are lower than requested, amounts fluctuate every cycle, and projects often exceed their budgeted time and cost. The FMP provides a 10-year view of prioritized projects by campus and thoroughly vetted by community representatives, allowing HIDOE and the legislature to plan and make decisions beyond a two-year horizon. The FMP also aims to raise awareness that the traditional funding level falls short of addressing top priorities in a reasonable timeframe ([see Results section](#)) and to build the case for an increase in traditional and non-traditional capital funding sources. Based on a survey of state facility directors conducted by Cooperative Strategies in 2017, other states have capitalized on additional funding sources, such as statewide voter referendums/levies (Alabama, California, New York), energy/natural resource taxes (Colorado, New Mexico, North Dakota, Washington, Wyoming), and commerce taxes (Colorado, Iowa).

Coordinated and Timely Implementation of Projects

Building on recent successes, HIDOE Facilities Services Division considers the FMP a key component of its ongoing transformation to deliver a higher level of service and accountability. By taking the courageous step to openly engage school communities in facility planning and elicit candid feedback on goals and markers of successful project implementation, HIDOE acknowledges that improvements in transparency and accountability are imperative and seeks to build stakeholder trust critical to achieving public support for additional investments in schools.



SPOTLIGHT ON...

Kauai District

Kapaa Option 4

Kapaa ES and HS

Master plan joint HS and ES site to rebuild the schools using multi-story construction. First priority is Building A.

BENEFITS:

- Frees up green space
- Improves security with fewer entry points
- Improves learning and retention by accommodating individual learning styles

CHALLENGES

- Construction on occupied site
- Safety concern with multi-story buildings
- Teacher training for new subjects needed

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\$40-75M

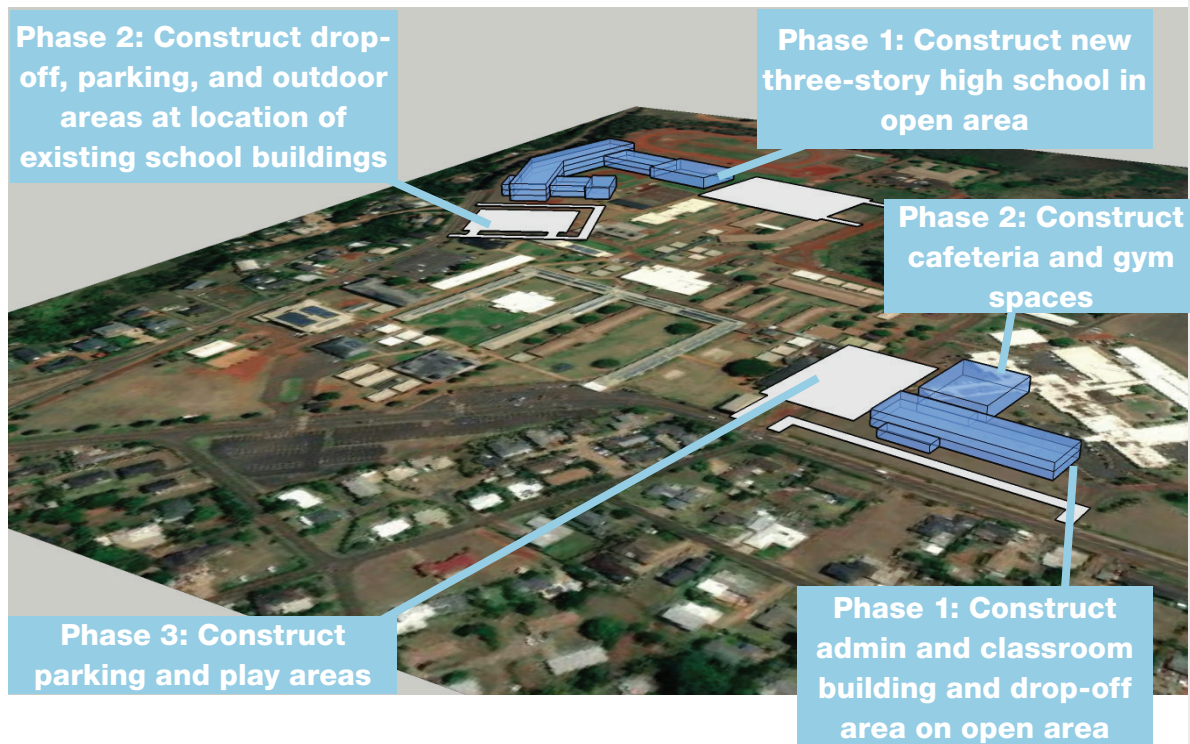


Priority 1



Replace

Funding Category



2. Process

Overview

The FMP was developed by 500 local HIDOE and community stakeholders from all regions of the state (including 100 students) who collectively devoted 12,000 hours to improve their schools by participating in a year-long collaborative, transparent planning process tailored to meet the needs of Hawaii's unique communities and translate locally identified priorities into a statewide plan. The FMP is:

- **A statewide plan, with all communities participating in the same facilitated process** to address the needs of all 261 public schools (including six conversion charter schools), making this the *first comprehensive strategic plan of its kind in Hawaii*
- **A partnership between HIDOE and the community** in which local cross-sectional committees collaborated iteratively to develop a long-range vision, review data, consider options, and draft, vet, refine, and prioritize solutions, yielding *transparent, design-thinking, and fully documented decisions*
- **Defined locally**, not dictated by the state, *allowing community values and grassroots agencies to drive outcomes*
- **Data-driven**, as stakeholders considered enrollment and facility data while developing solutions and applied objective criteria to rank priorities by measurable degrees of need, ensuring *consistency and equity for all schools statewide*
- **The product of inspired collaboration**, conceived and developed in respectful “safe-zone” diverse small group discussions with an open-minded “yes, if...” perspective about obstacles (instead of dismissing ideas with a facile “no, because...”), resulting in *innovative, transformative recommendations*

Participants

To achieve transparency and procedural equity statewide, FMP participants were organized in a consistent committee framework and sequence of steps to develop facility plans on a regional scale, weighing in on the needs of their local and neighboring schools. These participants served in 24 cross-sectional committees of two types.

10 Executive Planning Committees (EPCs) are comprised of 20 to 30 HIDOE leaders, including Complex Area Superintendents (CASS), district administration and curriculum specialists, principals, and representatives from local Stakeholder Advisory Committees. EPC members were nominated by the local CASS, with each local complex intentionally represented by the high school principal along with one middle school and one elementary school principal. The role of the EPC is to document local goals, draft data-driven options, and make prioritized FMP recommendations with stakeholder Advisory Committee input.

As illustrated in Figure 2, EPCs are aligned one-to-one with the seven HIDOE districts; however, the Big Island is represented by two EPCs due to long distances (North-West and South-East), and the remote Canoe

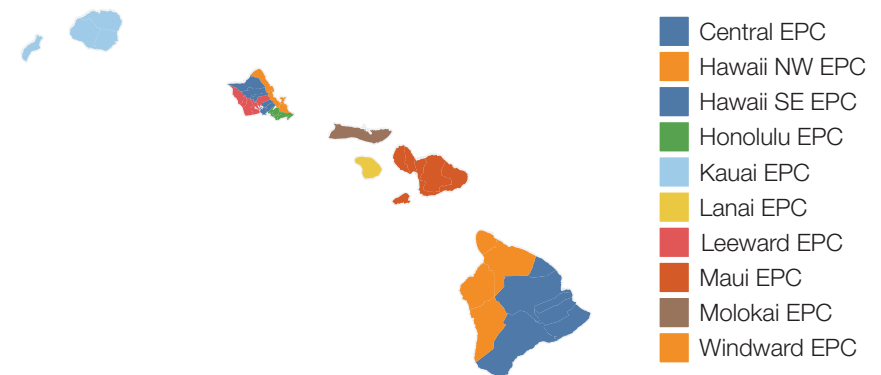


Figure 2: EPC Map

Complexes on the islands of Molokai and Lanai have separate EPCs from Maui District.

14 Stakeholder Advisory Committees (SACs) are comprised of 20 to 30 students, teachers, parents, and local business and community leaders. SAC members were nominated by school principals, with intentionally balanced composition, to ensure diversity of perspective, location/school affinity, and role/relationship to HIDOE. The role of the SAC is to study background data, review and provide feedback on the EPC's draft options in diverse small groups, and participate in live polling to inform the EPC of relative level of support for proposed outcomes. Representatives of the SAC attend EPC workshops to heighten transparency.

As illustrated in Figure 3, SACs are aligned one-to-one with the EPCs, except for Hawaii NW and Hawaii SE (each with two SACs in Hawaii North and Hawaii West, and Hawaii East and Hawaii South) and Maui EPC (with three separate SACs in Maui Central, Lahaina, and Hana). This alignment maximizes stakeholder engagement in remote communities. In Lanai, EPC and SAC members participated in joint workshops, operating a single committee representing the island's only K-12 school.

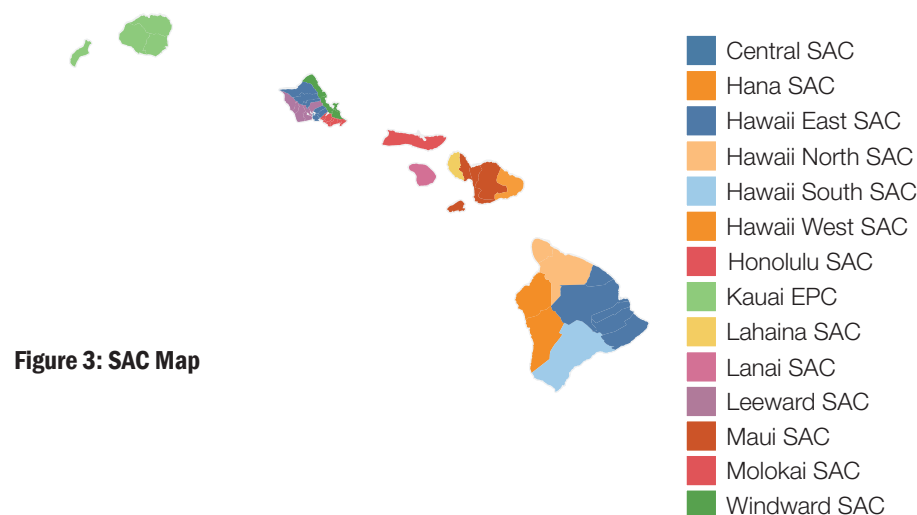


Figure 3: SAC Map

Methodology

Over the course of one year, 500 stakeholders comprising the 10 EPCs and 14 SACs undertook a consistent series of similar workshops, using the same tools, data sets, language conventions, and transparent documentation format.

Undergoing the iterative process outlined below, each EPC/SAC team developed a prioritized plan for recommended operational scenarios and facility options for their respective communities. Documentation of the process is captured in the *Options Development Report* for each region, recording base data and local values and goals that inform the drafting of scenarios and options that represent potential outcomes. As these scenarios and options are developed and vetted by the EPCs and SACs, the *Options Development Report* is annotated and released in multiple draft volumes to trace the FMP design-thinking evolution throughout the planning process and to demonstrate to participants that their voices are heard (see Appendices C-J).

The FMP process culminated with a two-day Statewide Allocation Summit (SAS) in February 2019, attended by more than 50 people from all regions of the state, including HIDOE leadership and legislative officials as well as staff, students, and community representatives who had served on each of the 10 EPCs and 14 SACs. During the SAS, stakeholders worked in small groups to create consensus on the core values and criteria that drive funding decisions and equitable sequencing of projects. Drawing inspiration from a student panel discussion, SAS participants also worked in small-group discussion to define goals and strategies for successful implementation.

01

Orientation



The EPCs and SACs were assembled, and participants attended orientation workshops to gain an understanding of FMP goals and process, review their area facility and demographic data, and envision long-range goals that were relevant to their communities. Each EPC and SAC member was provided a three-ring “toolkit” binder with all manner of detailed background data that would be used throughout the FMP process.

Output from SAC1 and EPC1 is captured in the first page the *Options Development Report* for each complex, highlighting key data and participant quotes and photos (see [Appendices C-J](#)).

02

Options Development

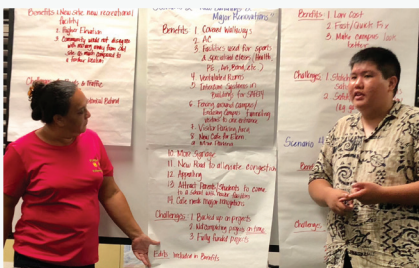


The EPCs met for two full-day workshops to create a variety of operational scenarios and facility options ranging from major construction and renovation projects to basic repair and maintenance, attendance boundary changes, or even portfolio changes and grade reconfigurations. While each option was created by local committees to meet local needs, the goal for each option was the same statewide: a well-maintained school for all Hawaii’s students, equipped to support today’s best instructional practices.

Output from EPC2 and EPC3 is documented in the *Options Development Report* for each complex, with original draft scenarios and options in black font (see [Appendices C-J](#)).

03

Stakeholder Vetting



Each SAC convened for two or three, three-hour evening meetings and reviewed the draft scenarios and options in small group discussion, adding notes about what they believed some benefits and challenges would be for each option, and completed live surveys to record their level of support for each option. Often, the SACs created new options for the EPCs to consider.

Output from SAC2, SAC3, and SAC4 is documented in the *Options Development Report* for each complex, with stakeholder feedback and new ideas annotated in orange font (see [Appendices C-J](#)).

04

Prioritization



The EPC reconvened for two days to review SAC feedback, reach consensus on operational scenarios, and prioritize capital investments. In certain cases, the EPC elected to defer decision on operational scenarios involving portfolio re-alignments, such as inter-campus partnerships, grade reconfigurations, and school consolidations, recommending further due-diligence with broader outreach to community stakeholders. For transparency, student and adult representatives from the SACs attended the Prioritization Workshops to share SAC perspectives and participate in discussion.

Output from EPC4 and EPC5 is documented in the *Options Development Report* through a summary priority matrix for each district/region, recommended highlighted scenarios, and any final edits annotated in blue font (see [Appendices C-J](#)).

05

Statewide Allocation Summit



During the SAS, stakeholders built consensus on the core values and criteria that drive funding decisions and equitable sequencing of projects. Drawing inspiration from a student panel discussion, SAS participants also worked in small group discussion to define goals and strategies for successful implementation.

Output from the SAS is documented in the *FMP Project Sequencing Report* outlining categorical groupings of all FMP projects, ranked and annotated by different funding levels based on SAS stakeholder feedback. (See [Appendix A](#)).

06

Stakeholder Debrief



Each SAC reconvened to hear testimonials from the representatives who had attended the SAS, gain an understanding how common values, objective criteria, and stakeholder input were used to inform the FMP Project Sequencing Document ([See Appendix K](#)). SAC members also worked in small groups to develop recommendations for successful FMP implementation, including a commonly held appreciate of privilege desire continue engaged. Specifically, SAC members expressed the need to oversee and provide accountability for capital projects that occur in their schools, and to work with the DOE to keep the FMP current as the years progress.

Output from SAS and SAC5 is documented in the *Stakeholder Recommendations Report*, ([See Appendix K](#)).

07

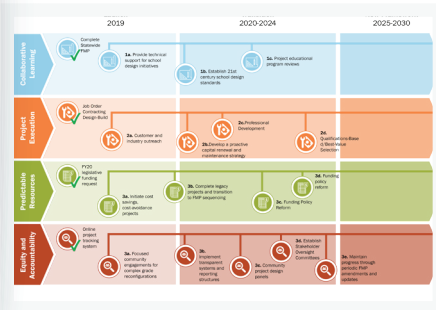
Facility Master Plan



In April 2019, the FMP was finalized and launched to HIDOE leadership. The contents of this report outline the final findings and options.

08

Implementation



The FMP outlines a 10-year transformational implementation plan, with specific recommended actions over three phases: Launch (2019), Transition (2020-2024), and New Framework (2025-2030) (see [Section 4 for Recommendations](#)).

SPOTLIGHT ON...

HI Northwest District

Kohala Option 2

Kohala ES

Kohala ES/HS two-story addition

- Two-story addition at front of the ES (first floor - Admin/Welcome Center; second floor - library/STEAM/Career Tech/Maker Space), and old office gets repurposed for classroom space

BENEFITS:

- Improves supervision, security, and way-finding; student collaboration; 21st century spaces

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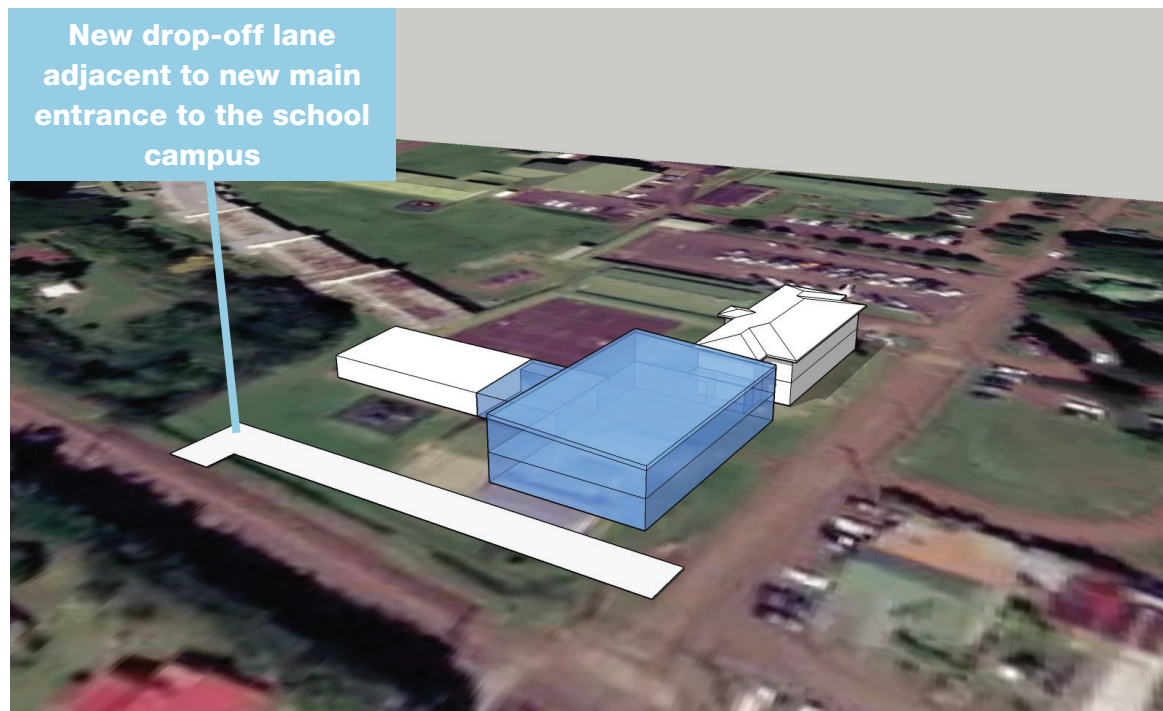
\$20-40M



Priority 3



Support
Funding Category



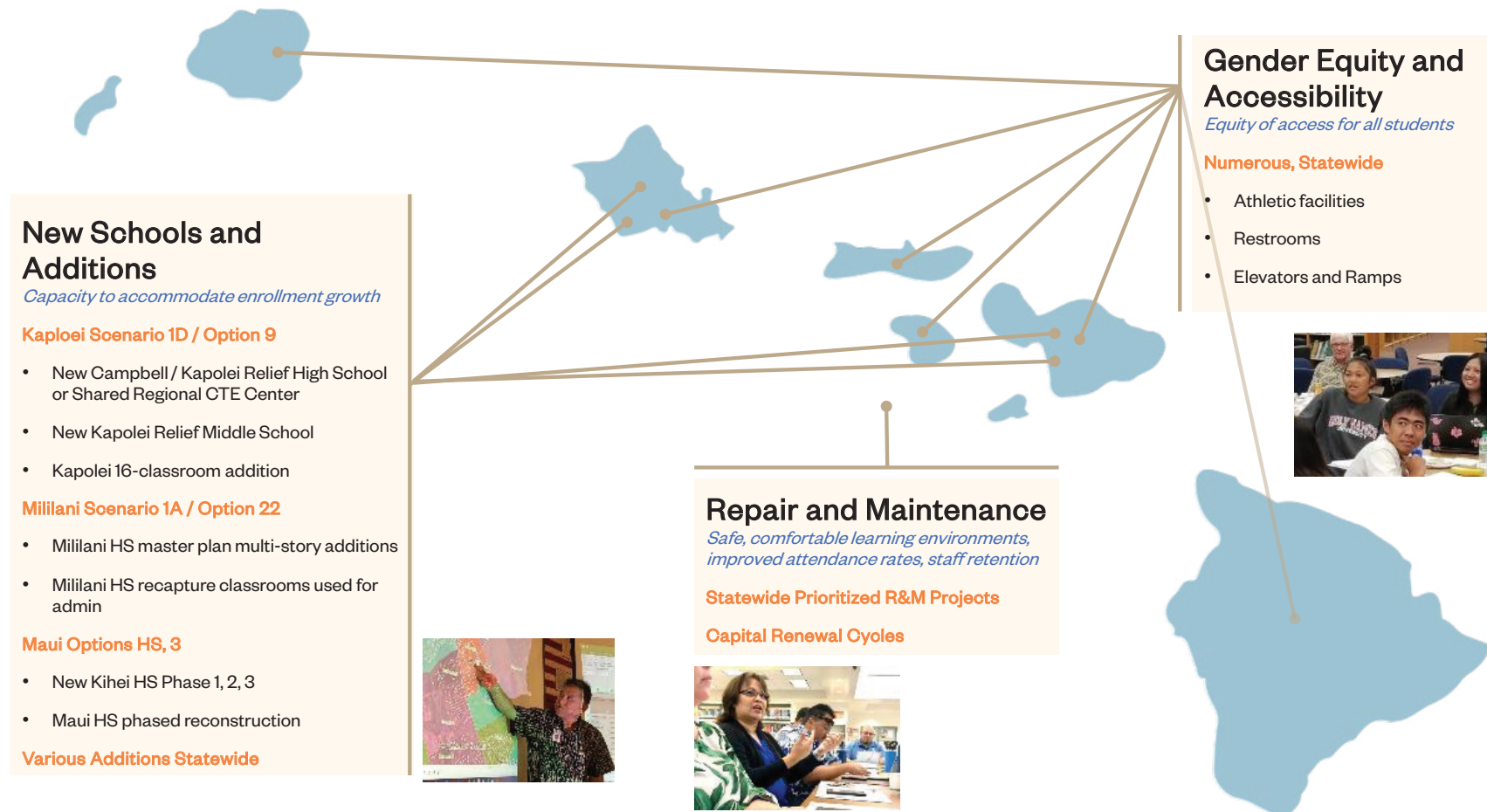
3. Results

Overview

Borrowing a quote from another Jacobs client, FMP stakeholders were urged to avoid allowing ‘no, because...’ obstacles to inhibit creative long-range ideas, and instead to consider solutions from a ‘yes, if...’ perspective. Over the course of a year, hundreds of dedicated EPC and SAC members rose to the task, challenging their assumptions about the status quo and collaboratively envisioning innovative outcomes.

The results of the FMP process include bold recommendations that not only address new and renovated schools with 21st century instructional supports, but also new, transformative outcomes such as inter-campus collaborations, public-private partnerships, expanded pre-k, new grade configurations, repurposed facilities, and updated school portfolios.

Representative examples of these are illustrated below:



Expanded Pre-K

Waianae Scenario 1A

- Phase 1: Construct 6th grade building to facilitate 6-8 grade reconfiguration
 - New 21st Century facility*
 - Social-emotional benefits*
- Phase 2: Convert elementary classrooms for expanded Pre-Kindergarten program
 - Improved preparation*
 - Socio-economic equity*
 - New 21st Century facility*



Inter-Campus Collaboration

Campbell / Kapolei Scenario 1D

- Joint *School Design* due diligence for regional CTE center and/or relief high school
 - Expanded CTE program*
 - Capacity relief*

Castle / Kailua / Kalaheo Scenario 1D

- Joint *School Design* due diligence for integrated schedule and programs
 - Increased program offerings with combined WSF budget scale*



21st Century Instruction

Flexible spaces that promote relevant project-based learning and relationships, facilitating multiple learning styles

Flexible STEAM classrooms

Collaborative Learning Maker Spaces

Professional Learning Centers

Special Education Enhancements



Strategic Portfolio Realignment

Konawaena Complex Scenario 1B

- Phase 1: Reconstruct Hookena for Hookena/Honaunau consolidation,
Phase 2: Construct new Konawaena MS at Honaunau
Phase 3: Renovate Konawaena MS for new Ke Kula O Ehuuikaimalino
 - Trade-up to new 2nd Century facilities
 - Permanent facilities for Hawaiian Immersion program
 - Combined WSF budget improves programs
 - Social-emotional benefits
 - Reduce KHS/KMS traffic and safety risk

Kaimuki Scenario 3B

- Phase 1: Reconstruct Jarrett MS for combined Jarrett/Palolo PK-8
Phase 2: Repurpose Palolo for Honolulu Professional Development Center
 - Trade-up to new 2nd Century facility
 - Reduced transitions for PK-8 students
 - Staff training and retention
 - Improved community access and service

Kailua Scenario 2B

- Phase 1: Reconstruct Kaelepulu ES for combined Kaelepulu/Keolu
Phase 2: Repurpose Keolu as Windward Professional Development Center
 - Trade-up to new 2nd Century facilities
 - Combined WSF budget improves programs
 - Staff training and retention
 - Improved efficiencies

Grade Reconfiguration

Social-emotional benefits, reduced transportation time, and unified communities through aligned transition grades

Kapaa Scenario 1A Hanalei / Kilauea ES grade reconfiguration

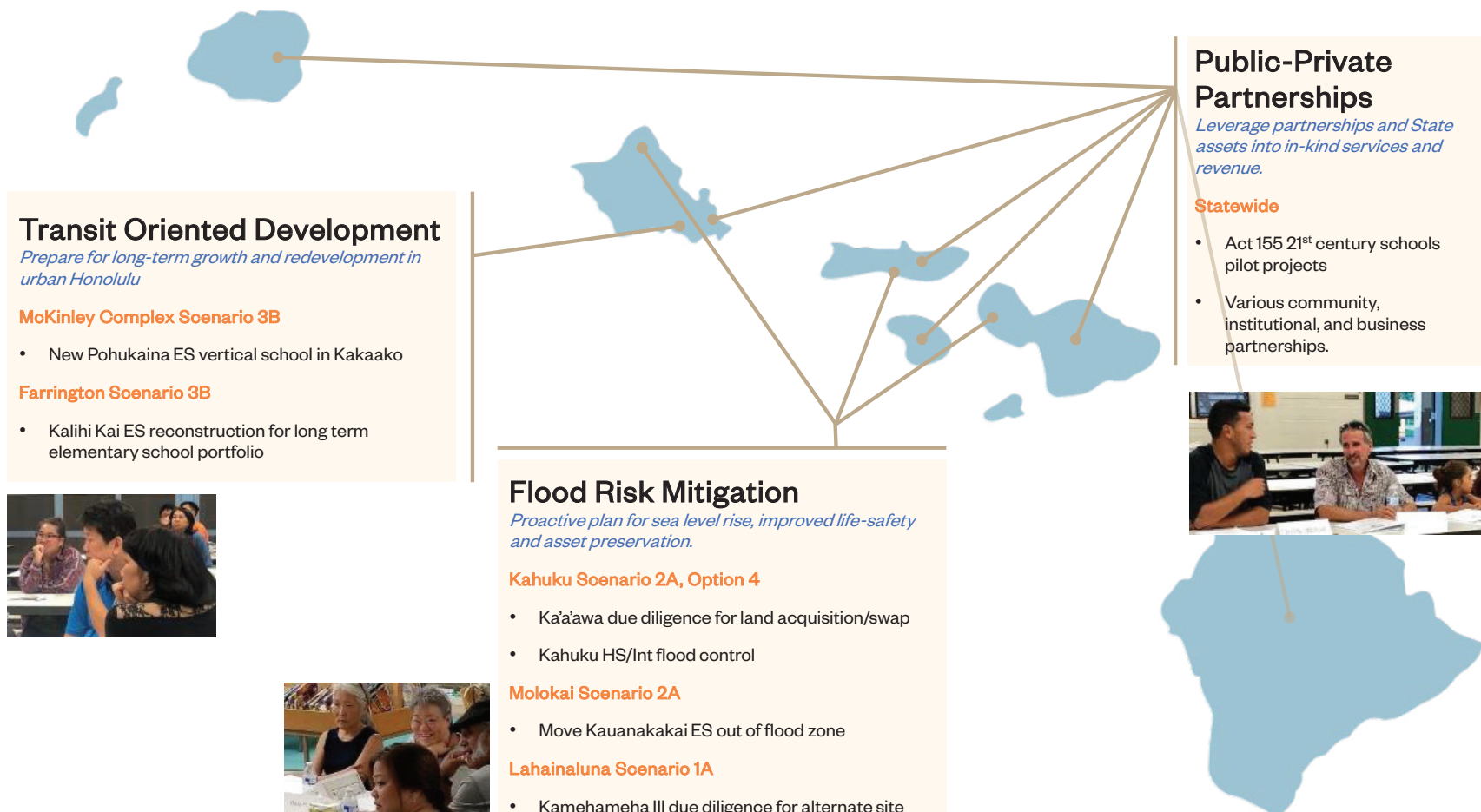
Molokai Scenario 1E Engage community to inform complex-wide grade reconfiguration

Kahuku Scenario 1E Engage community to inform complex-wide grade reconfiguration

Honokaa Scenario 1Q Engage community for complex-wide grade reconfiguration

Hilo Scenario 2A Engage community to inform intermediate/middle school grade reconfiguration





Cost

Stakeholders developed over 1,300 projects for all 261 campuses that the DOE maintains (including six conversion charter schools). The cost estimate for implementing all top-priority FMP projects as defined by local school communities exceeds \$7 billion in 2019 dollars, and the cost jumps to more than \$11 billion when including all priority tiers.

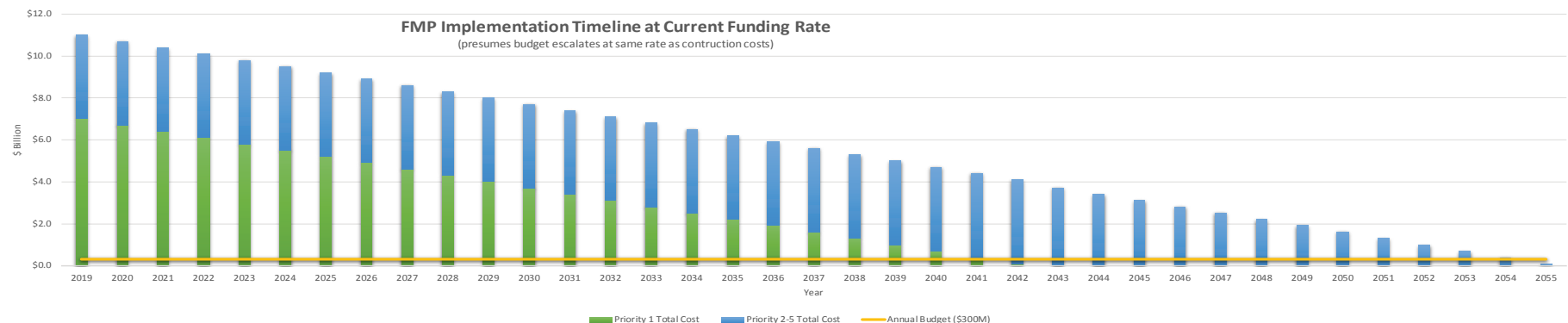
It's important to note that Priority 1 projects are the highest 'non-negotiable' needs from each complex – not frivolous wish list items. They are basic solutions for population growth, insufficient power, maintenance for safe/comfortable buildings, and modest improvements that support the educational mission and help HIDOE prepare students to compete in our global economy.

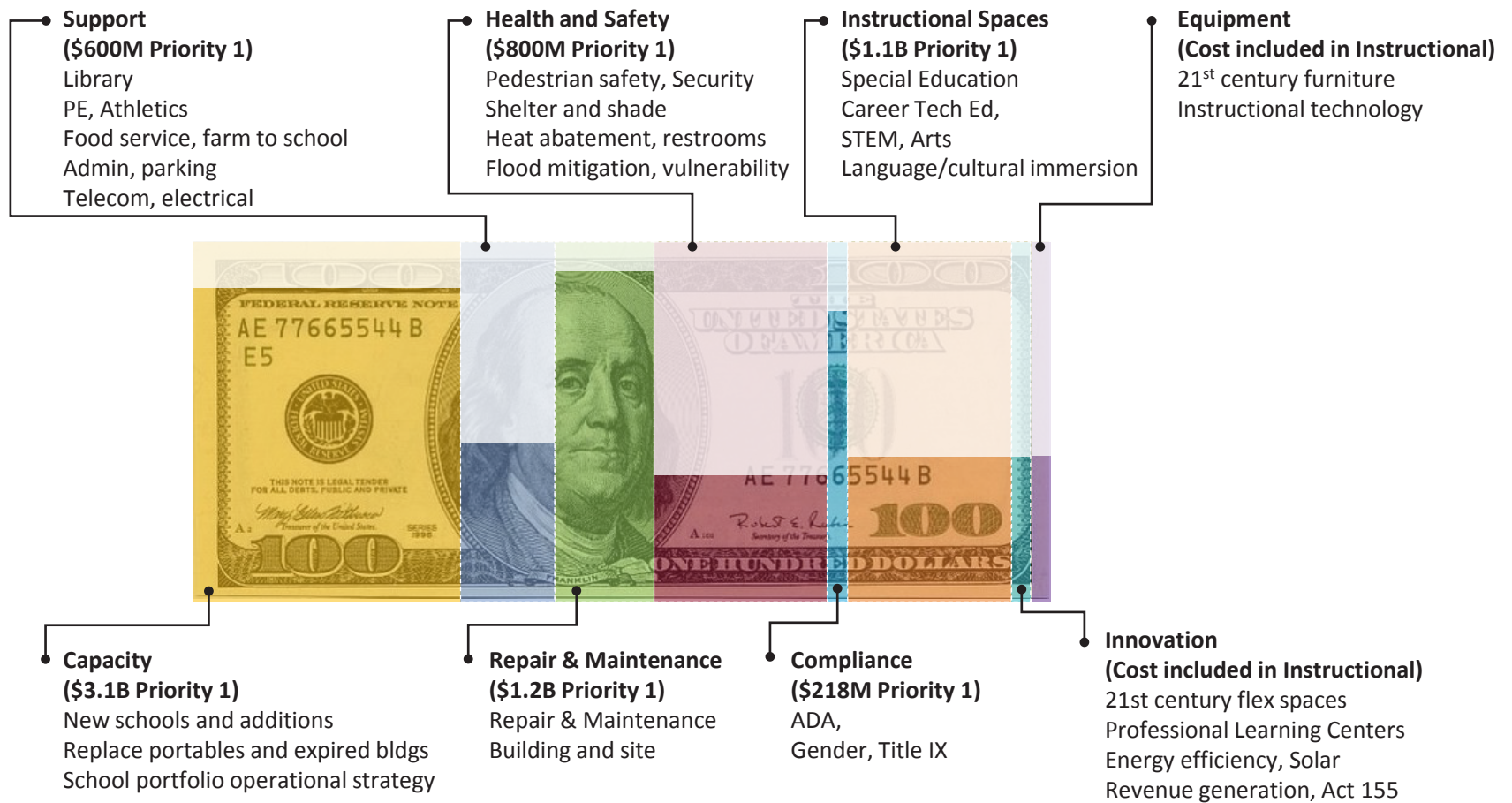
The state currently funds about \$300M per year toward school facilities, which can make a meaningful impact toward addressing facility needs, though not as quickly as many stakeholders consider acceptable. If the ratio of construction costs and state funding stayed the same as it is today, *it would take 23 years to address FMP Priority 1 projects* only and more than 36 years to implement all FMP projects. This does not account for any long-range growth beyond the DOE's six-year enrollment projects nor a significant portion of the biennial budget that typically gets ear-marked for unexpected single-site legislative add-on projects, diluting available funding for the rest of HIDOE schools with objectively higher priority needs.

While these numbers may seem are daunting, they should not be a surprise. Twenty-one million square feet of facilities, averaging 60 years old, are inadequate for today's standards; these facilities are underpowered and uncomfortable for students and faculty to work in. Typical DOE repair and maintenance (R&M) funding is approximately one-third of industry standard, with a growing backlog of deferred maintenance. Schools in high growth areas are 12 thousand seats short, requiring high-cost new construction, while under-utilized schools have 22 thousand surplus seats, which still require funds to operate and maintain. Moreover, construction costs are extremely high due to Hawaii's geographic location, labor shortages, and material availability. HIDOE may be able to lower supplier costs by conducting intentional industry outreach to remove obstacles and elevate the Department's profile as a preferred construction customer.

These large figures suggest three strategies for HIDOE:

- **Be strategic**, efficient, and equitable with current level of funding.
- **Be innovative**, implement cost-avoidance strategies, and leverage assets into revenue streams.
- **Be bold** and advocate for new state funding sources.





Categories of Need

In order to inform DOE's annual funding requests and strategic project implementation, FMP solutions are aligned with the DOE's eight funding categories, each targeting critical areas of need statewide.

The cost breakdown of the \$11B FMP solutions by funding category is illustrated in Figure XX below, with the area of each band reflecting the total cost by category, with shading to convey the proportion of cost classified as Priority 1 top needs.

Statewide Project Sequencing

- In order to integrate the 10 regional plans comprised of 1300 prioritized capital solutions into **one equitable and actionable Statewide Plan**, the DOE convened the **Statewide Allocation Summit (SAS)** in February 2019 to build consensus and elicit guidance from a diverse representation FMP participants from all regions of the state on how to equitably group, rank, and sequence these projects statewide.

SAS attendees worked collaboratively to weigh in on the values and criteria applicable to all students that should inform the sequencing of projects. They also reviewed preliminary project sequence lists and worked in small groups to build categorical capital budgets with two distinct funding scenarios:

- Current funding level - \$3B (\$300M/yr for 10 years)
- Amplified funding level - \$6B (\$600M/yr for 10 years)

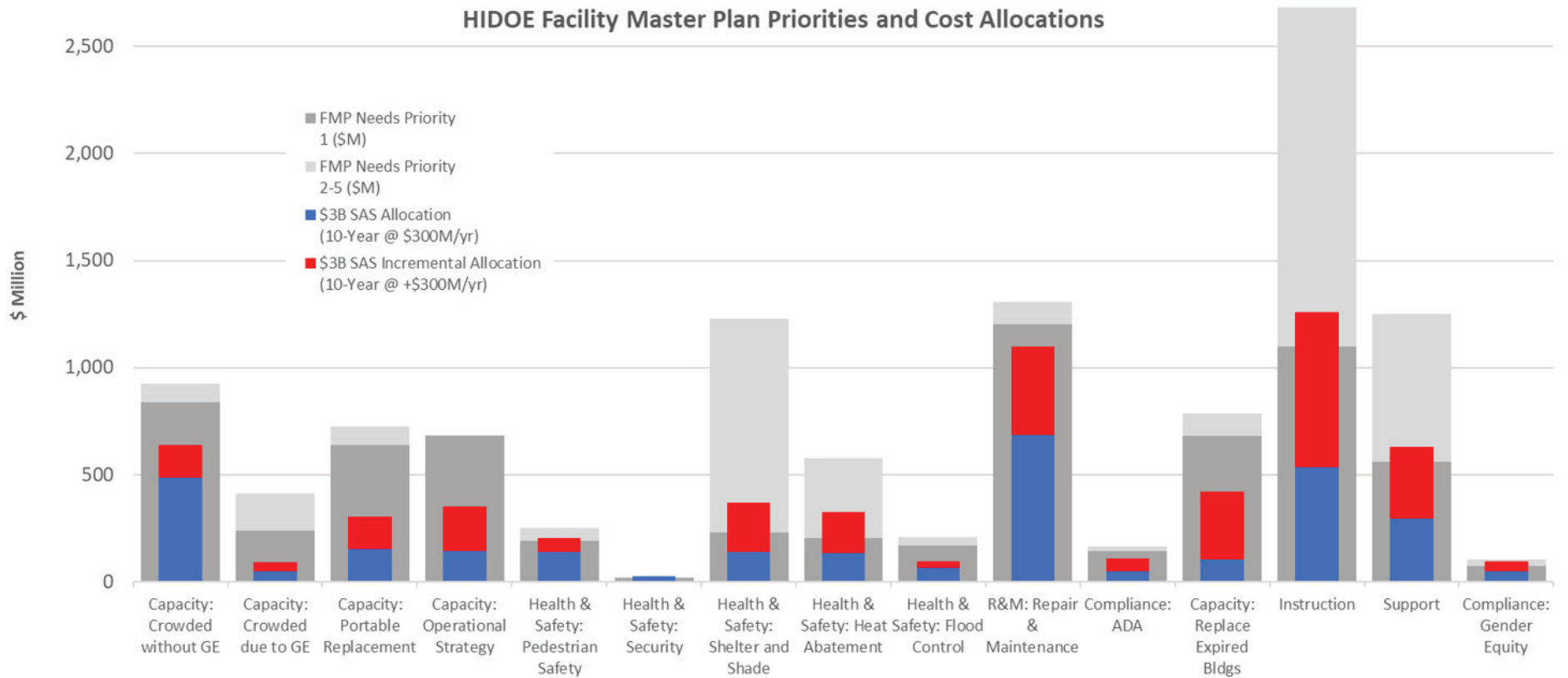
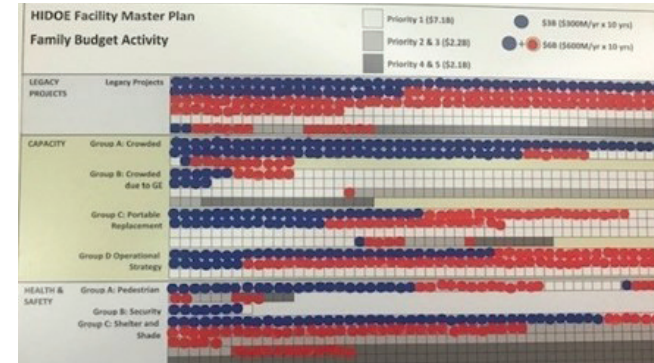
Based on SAS guidance, FMP projects were assembled into situational groupings (see Figure 5) closely aligned with the DOE's funding categories, and ranked by objective criteria within each group with a running cost total to indicate whether each project fits within the current or amplified funding scenarios, or beyond.

Please refer to *Appendix A Statewide Project Sequencing Report*, which outlines the categorical ranking and funding allocation based on consensus built during the SAS. Each project group is ranked by data criteria as marked in the header of each page, and the running total is annotated with which funding scenario (or beyond) the project falls within. The results of this collaboration are illustrated in the Figure 5, highlighting the prioritized needs and corresponding cost allocations to each group.

Stakeholder feedback at the SAS was clear – it is imperative that objective data guide decisions, and a new funding framework must be found. Moreover, stakeholders expressed a desire to remain engaged in the implementation phase of the FMP. Please refer to *Appendix A Stakeholder Feedback* for additional detail.



Figure 5: SAS Workgroup Topics



4. Recommendations

The FMP outlines a 10-year Implementation Roadmap in alignment with the Strategic Plan mandate for transparent and accountable service to the community. With the FMP complete, HIDOE has an unprecedented base of public awareness of challenges and the beginnings of broad support for fundamental improvements. The year 2019 is a pivotal launching point in which specific strategic measures will be deployed that lay a foundation for incremental transition over the next five years to a new framework for funding and delivering school facility projects.

As illustrated in Figure 6 and described in detail below, the Implementation Roadmap is organized under four overarching goals of Collaborative Learning, Project Execution, Predictable Resources, and Equity and Accountability, and it prescribes specific strategies along a timeline consisting of three phases: Launch (2019), Transition (2020-2024), and New Framework (2025-2030).

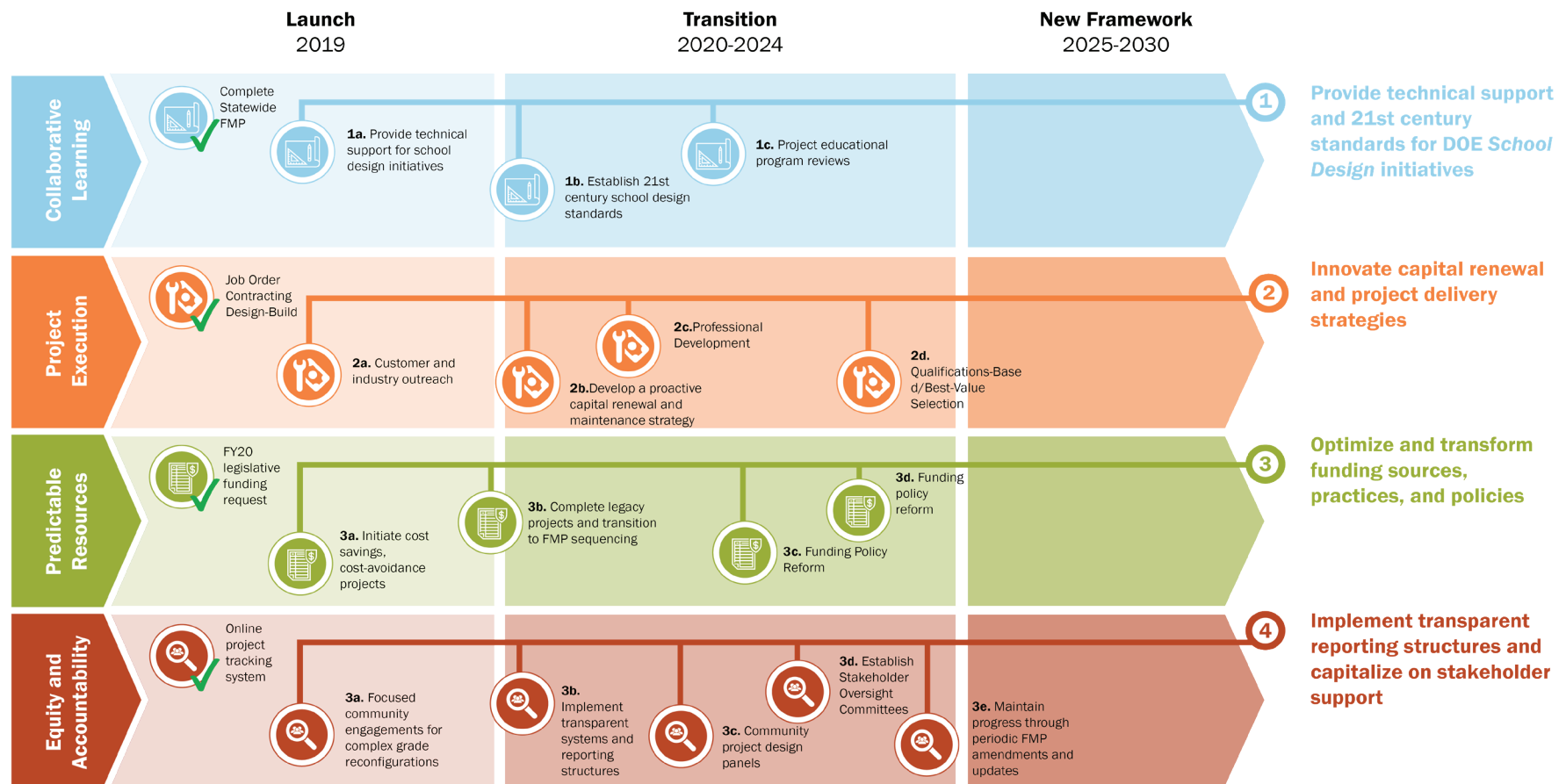


Figure 6: Implementation Roadmap

Goal 1: Modern, flexible facilities that enable collaborative learning and support positive student outcomes.



Strategy 1a: Provide technical support for school design initiatives

Recommended action: Follow through on FMP priorities to study and implement new, innovative inter-campus partnerships that feature coordinated educational programs and shared instructors and facilities (*refer to Castle/Kalaheo/Kailua Scenario 1D, and Campbell/Kapolei Scenario 1D*). Leverage the commitment of informed, invested FMP stakeholders by forming Special Purpose Committee focus groups for Windward and Leeward comprised of relevant members from each region's respective EPCs and SACs, including students and new stakeholders representing curricular programs, operational functions, and institutional/business community partners. The charge of these committees will be to:

1. **Undergo a facilitated, data-driven planning process** to further study and perform due diligence to confirm feasibility of these multi-faceted operational scenarios
2. **Conduct expanded community outreach** to elicit feedback and gain broader buy-in and support
3. **Develop phased implementation plan** for program integration and professional development
4. **Define facility requirements and capital improvement needs**

Schedule

FMP Launch Phase

Milestones

- Spring/summer/fall 2019: due diligence
- Fall/winter 2019: stakeholder outreach
- Winter 2019 to summer 2020: implementation planning
- Potential integration rollout in fall of 2020-2021 school year

Investment

- Time commitment of ~20 state- and school-level staff to participate in six to eight full-day workshops for each of two Special Purpose Committees
- Modest cost of professional subject matter expert and facilitation services
- Cost/use of school venues for two to four community engagement meetings
- Cost of resulting CIP facility projects

Value-Add Results

- Expanded and enhanced educational programs for students
- Improved operational and capital efficiencies through coordinated shared use of talent and facility resources
- Sustained momentum of innovative grassroots projects initiated by the FMP process
- Leveraged in-house expertise and expanded professional development
- Expanded stakeholder trust and support
- Development of replicable/scalable school design process model
- Relevant project-based learning opportunity for participating students



Strategy 1b: Establish 21st century school design standards

Recommended action: Update prevailing 2005 education specifications and facility design standards to feature flexible spaces with adjacencies, visual transparencies, acoustic separations, and furniture/equipment that facilitate 21st century multi-modal project-based instruction and contribute to positive student-to-teacher, student-to-student, and school-to-community relationships. Ed Specs should address instruction and school operations, defining and quantifying indoor and outdoor spaces for schools of all relevant grade configurations and capacity/size ranges. Work should be informed by a diverse Special Purpose Committee composed of students, teachers of various content disciplines, arts, athletics, and administration as well as institutional and business community partners that undergo an interactive ed spec development process assisted by architectural subject matter experts and professional facilitators.

Schedule

FMP Launch Phase

Milestones

Fall/winter/spring 2019-2020

Investment

- Time commitment of ~20 state- and school-level staff to participate in three to five full-day workshops
- Modest cost of professional subject matter expert and facilitation services

Value-Add Results

- New facilities that enable improved student experience and outcomes, improved staff recruitment and retention, and community engagement
- Improved efficiencies and project execution through clear direction to project development teams
- Reduced capital life cycle costs through flexible facility design
- Expanded stakeholder trust and enthusiasm for CIP projects



Strategy 1c: Project educational program reviews

Recommended action: Incorporate into HIDOE's capital project design review procedures a formal functional review process at the Schematic Design and Design Development stages that confirms conformance to new ed specs and design standards. Reviewers should include HIDOE facility planners, project-specific user groups, and members of the Special Purpose Committee that informed the new Ed Specs. Reviewers should be afforded enough time and be provided simplified checklists and documentation tools to enable authentic feedback and be updated by transparent responses from the project development team.

Schedule

FMP Transition Phase

Investment

Time commitment of ~12 state- and school-level staff to participate in four, two- to three-hour meetings/teleconferences for each project (design presentation and feedback meetings at SD and DD review stages).

Value-Add Results

Assurance that project development teams deliver new/renovated facilities that fulfill intent of new educational specifications, and desired benefits to future generations of students, teachers, administration, and community

- Cost savings from functionally sound designs and avoided construction change orders

Goal 2: Coordinated and timely implementation of projects by continuing to innovate project delivery practices.



Strategy 2a: Customer and industry outreach

Recommended action: With a renewed commitment to customer service and continuous improvement, seek constructive feedback from HIDOE's school community customers and the design and construction industry professionals that serve HIDOE. First, conduct a baseline customer satisfaction survey that will be used to develop and implement a process improvement plan, with periodic follow-up surveys to track and communicate progress. Conduct an industry outreach conference to elicit candid feedback from architects, engineers, contractors, and the trades. Use this feedback to improve policies and business practices that position HIDOE as a preferred AEC industry customer to vendors. Conduct periodic follow-up functions to communicate progress and expand pool of interested service providers.

Schedule

FMP Launch Phase

Milestones

Initiate programs in Fall 2019

Investment

Focus existing one to two facility staff members to spearhead these initiatives

Value-Add Results

- Build on the goodwill generated with school stakeholders throughout the FMP process
- Improve accountability and service quality
- Learn from innovations and best practices
- Expand partnerships that stimulate competition, improve service quality, and yield favorable bid prices



Strategy 2b: Develop a proactive capital renewal and maintenance strategy

Recommended action: Commission a facility condition assessment to identify and prioritize current R&M backlog and establish proactive system renewal cycles, including a survey of electrical infrastructure, building envelope, and thermal comfort needs. Use data to set data-driven building replacement policies and demonstrate the extent and priority of maintenance needs and build the case for sustained, predictable legislative investments. Consider implementing a 15-year campus renewal cycle in which three high schools, three middle schools, and eight to ten elementary schools undergo major renovations and furniture refresh each year, transitioning from a reactionary to a proactive maintenance strategy.

Schedule

FMP Launch Phase

Milestones

2019-2020, incremental updates on three- to five-year cycle

Investment

- Contract cost varies depending on approach and level of detail collected,

Value-Add Results

- Objective data to drive informed, equitable economic decisions
- Build case for funding
- Reduced surprises and pivot from reactionary to proactive maintenance strategy
- Improved customer service



Strategy 2c: Professional development

Recommended action: Perform organizational gap analysis and realign staff, new hires, and/or outsourced talent to strategically address R&M and CIP service requirements. Refresh data-driven customer service culture, program management strategies, project management procedures, and staff training, using support of industry partner/s as required. Implement systems for tracking process workflow and performance metrics, and initiate talent credentialing and professional development program.

Schedule

FMP Transition Phase (2020-2025)

Investment

- Contract cost varies depending on approach and level of detail collected

Value-Add Results

- Improved customer service and accountability
- Improved efficiency and alignment of talent to value-add services
- Improved staff retention and morale.
- Cost, schedule, and quality performance improvements.



Strategy 2d: Qualifications-Based/Best-Value Selection

Recommended action: Study peer agencies and partner with procurement department, legislature, and industry/labor organizations to develop and roll out new procurement methods to enable evaluation criteria including contractor qualifications and references to factor into weighted scoring formulas along with proposed cost for determining selected best-value vendor.

Schedule

FMP Transition Phase (2020-2025)

Investment

- Assign one to two staff project to spearhead initiative

Value-Add Results

- Improved predictability and project outcomes
- Reduced change orders
- Provides incentives to deliver high-quality services

Goal 3: Sustained capital funding for school facilities with improved predictability.



Strategy 3a: Initiate cost-saving, cost-avoidance, and revenue-generating projects

Recommended action: Follow through on FMP priorities for strategic realignment of school portfolios that not only result in improved student and community outcomes, but also yield long-term operational and capital savings (*refer to Konawaena Scenario 1B, Kailua Scenario 2B, and Kaimuki Scenario 3B, as well as Act 155 Pilot Projects*). While these scenarios feature new and renovated facilities to house combined school programs (representing a “trade-up” outcome for affected stakeholders), a profound structural change such a consolidation requires intentional community engagement to inform and listen to stakeholders.

Similar to Strategy 1a, leverage the commitment of informed, invested FMP stakeholders by forming Special Purpose Committee focus groups for Konawaena, Kailua, and Kaimuki composed of relevant members from each region’s respective EPCs and SACs, including students, to:

1. **Design a community specific engagement approach and community survey**
2. **Conduct expanded community outreach** and serve as peer small-group facilitators to elicit feedback and gain broader buy-in and support
3. **Review community feedback** and make necessary scenario refinements
4. **Develop a phased implementation plan** for program integration and professional development
5. **Define facility requirements and capital improvement needs**

HIDOE Facility Master Plan Final Report

Also, invest in PPP technical subject matter expertise and project management support to accelerate ongoing Act 155 Pilot projects. By successfully delivering proof of concept and lessons-learned from the pilots, HIDOE will be positioned to incorporate asset revenue reinvestment into portfolio alignment and new construction projects statewide.

Schedule

FMP Launch Phase

Milestones

- Spring/summer/fall 2019: due diligence
- Fall/winter 2019: stakeholder outreach and scenario refinements that will inform 2020 legislative budget
- Winter 2019 to summer 2020: implementation planning and facility requirements
- Summer/fall/winter 2020: facility design

Investment

- Time commitment of ~10 state- and school-level staff to participate in five full-day workshops for each of three Special Purpose Committees
- Modest cost of professional subject matter expert and facilitation services
- Cost/use of school venues for two to four community engagement meetings for each of three projects

Value-Add Results

- New facilities and enhanced educational programs for students, including Ke Kula O Ehunuikaimalino Hawaiian immersion school
- Improved operational and capital efficiencies through pooled resources and coordinated shared use of talent and facilities
- Sustained momentum of innovative grassroots projects initiated by the FMP process
- Expanded stakeholder trust and support
- Relevant project-based learning opportunity for participating students



Strategy 3b: Complete legacy projects and transition to FMP sequencing

Recommended action: Follow through on FMP priorities to reduce backlog of partially funded legacy projects, and secure funding for new FMP projects from the top tiers of equitable, data-driven rankings, allowing approximately 20%-30% of each year's request for new priorities unforeseen during the development of the FMP, such as rapid enrollment growth. Starting with the 2020 budget cycle, reduce the proportion of CIP budget allocated as unexpected legislative add-on projects each year over a five-year transition period to a level of no more than 20 percent by 2025, establishing a new, predictable funding framework based on statewide equity for all students. [The final 2019 budget is pending at the time of FMP publication, and while a majority of the initial request in 2018 were priorities developed during the FMP process, it is anticipated that the final budget will include unexpected earmarked legislative add-on projects as is customary.]

This transition timeline acknowledges that fundamental change of political institutions requires significant time and effort. Achieving this strategy will require a broad legislative information campaign, and courageous leadership from HIDOE, Board of Education, and legislature

Schedule

FMP Transition Phase (2020-2025)

Investment

Time commitment of HIDOE staff to develop communications plan and brief the legislature

Value-Add Results

- Reasonable pathway to equity
- Predictable funding will allow HIDOE to provide better service to schools



Strategy 3c: Funding policy reform

Recommended action: With successful transition to new funding framework in Strategy 3b, it is recommended to codify this practice into law. Other recommended reforms include gaining ability to have short-term bond payback terms to enable reasonable procurement of equipment and furniture, white van transport, and computers without depleting operational budgets.

Schedule

FMP Transition Phase (2025-2030)

Investment

Earned trust of stakeholders who will advocate for reform

Value-Add Results

- Equity
- Financial flexibility



Strategy 3d: New funding sources

Recommended action: Build a base of advocacy for long term campaign for new funding sources. Current funding framework is insufficient to deliver top statewide priorities within a reasonable timeframe, suggesting consideration of different models, such as asset revenue bonds, sales tax, tourism tax, property tax, etc. Achieving this complex of a change requires broad political will, earned only by succeeding in other strategies outlined in the FMP.

Schedule

FMP Transition Phase (2025-2030)

Investment

Earned trust of stakeholders who will advocate for reform

Value-Add Results

Ability to address priority needs in reasonable timeframe

Goal 4: Equity and accountability, capitalizing on stakeholder support.



Strategy 4a: Focused community engagements for complex grade reconfigurations

Recommended action: Follow through on FMP priorities for focused community engagement to inform grade reconfiguration decisions and resulting facility requirements (*refer to Kapaa Scenario 1A, Molokai Scenario 1E, Kahuku Scenario 1E, Honokaa Scenario 1G, and Hilo Scenario 2A*). Because these scenarios will impact all families within these complexes, the EPCs and SACs call for intentional community engagement to inform and listen to stakeholders before making final decisions.

Similar to Strategy 3a, leverage the commitment of informed, invested FMP stakeholders by forming Special Purpose Committee focus groups for the six complexes composed of relevant members from each region's respective EPCs and SACs, including students, to:

1. **Design a community-specific engagement approach and community survey**
2. **Conduct expanded community outreach** and serve as peer small-group facilitators to elicit feedback and gain broader buy-in and support
3. **Review community feedback** and make necessary scenario refinements,
4. **Develop a phased implementation plan** for program integration and professional development
5. **Define facility requirements and capital improvement needs**

Schedule

FMP Launch Phase

Milestones

- Spring/summer/fall 2019: due diligence
- Fall/winter 2019: stakeholder outreach and scenario refinements that will inform 2020 legislative budget
- Winter 2019 to summer 2020: implementation planning and facility requirements
- Summer/fall/winter 2020: facility design
- 2021 initiate construction

Investment

- Time commitment of ~10 state and school level staff to participate in four full-day workshops for each of five Special Purpose Committees
- Modest cost of professional subject matter expert and facilitation services
- Cost/use of school venues for two community engagement meetings for each of five projects
- Cost of resulting CIP facility projects

Value-Add Results

- New facilities and enhanced educational programs for students, including Ke Kula O Ehunuiakaimalino Hawaiian immersion school
- Improved operational and capital efficiencies through pooled resources and coordinated shared use of talent and facilities
- Sustained momentum of innovative grassroots projects initiated by the FMP process
- Expanded stakeholder trust and support
- Relevant project-based learning opportunity for participating students



Strategy 4b: Implement transparent systems and reporting structures

Recommended action: To complement HIDOE's new online project tracking system, initiate a periodic CIP status reporting system, format, and cycle (quarterly, monthly, etc.) to update the Board of Education and interested stakeholders on schedule, cost, and quality status for all major projects and a statewide program roll-up. System should be programmed to pull data from HIDOE's controls system with brief narrative updates from Project Management staff without inordinate manual data entry, and include an archive history of dated status reports in PDF format.

Schedule

FMP Transition Phase (2020-2024)

Investment

Focus existing staff and/or third-party consultants to develop reports

Value-Add Results

- Build on the goodwill generated with school stakeholders throughout the FMP process
- Improve transparency and accountability
- Elevate problems early to expedite speedy resolution



Strategy 4c: Community project design panels

Recommended action: Incorporate into HIDOE's capital project design review procedures a review process at the Schematic Design and Design Development stages that informs and elicits feedback from school communities. Community panel should include students, parents, teachers, administrators, and community stakeholders should be afforded enough time and be provided simplified checklists and documentation tools to enable authentic feedback and be updated by transparent responses from the project development team.

Schedule

FMP Transition Phase (2020-2024)

Investment

Time commitment of ~12 state and school level staff to participate in two, two- to three-hour meetings/teleconferences for each project (design presentation and feedback meetings at SD and DD review stages)

Value-Add Results

- Assurance that project designs reflect the functional and aesthetic preferences of the community
- Cost savings from functionally sound designs and avoided construction change orders
- Trust and buy-in from stakeholders



Strategy 4d: Establish Stakeholder Oversight Committees

Recommended action: Building on Strategy 4b, fulfill expressed desire by FMP stakeholders to remain informed about status of CIP projects by establishing a statewide Stakeholder Oversight Committee composed of approximately 40 members of diverse location and relationship to HIDOE, including students, with rolling membership terms. The SOC will be charged with receiving quarterly or biannual status reports from HIDOE via webcast or live meetings. The Stakeholder Oversight Committee will have no direct authority and will provide reports to the Board of Education.

Schedule

FMP Transition Phase (2020-2024)

Investment

Assigned staff responsibility of coordinating SOC meetings

Value-Add Results

- Heightened institutional accountability of HIDOE
- Opportunity to celebrate successes and elevate issues
- Capitalize on unprecedented base of public awareness of HIDOE's challenges and the beginnings of broad support for fundamental improvements



Strategy 4e: Maintain progress through periodic FMP amendments and updates

Recommended action: As it is designed to be a living document that transcends changes in educational programs, demographics, and priorities, implement transparent process to document any necessary annual amendments to coincide with HIDOE's budget cycle, and conduct a statewide Facility Master Plan update once every 4-6 years, to coincide with either two or three legislative biennia. Document the cause of annual amendments (e.g. rapid unforeseen enrollment growth, new mandates, etc.), send notices to all stakeholders, and make notices public on FMP website. Frequency of Statewide FMP updates should be predicated based on CIP progress during the third and fifth years, to allow one year for FMP development in time for top of biennium cycle.

Schedule

FMP Transition Phase (2020-2024)

Investment

- Assigned staff responsibility of managing and contributing to FMP update
- Level of effort and cost will be moderate compared to HIDOE's first ever 2019 FMP

Value-Add Results

- Heightened institutional accountability of DOE
- Opportunity to celebrate successes and elevate issues
- Translate the unprecedented base of public awareness into broad support for fundamental improvements

SPOTLIGHT ON...

HI Southeast District

Waiakea Scenario 1B

Waiakea ES and IS

New 750-student ES and redraw ES boundaries to balance utilization at three ~750-student schools; Waiakea IS additions to include STEAM, Special Education, and flex spaces to net 125 additional capacity

BENEFITS:

- Relieves over-utilized IS and ES
- Reduces traffic concentration

CHALLENGES

- Land acquisition time/cost
- Attendance boundary adjustment
- Unknown impact on GE applications
- Inequity between new ES and older two ES

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\$20-40M



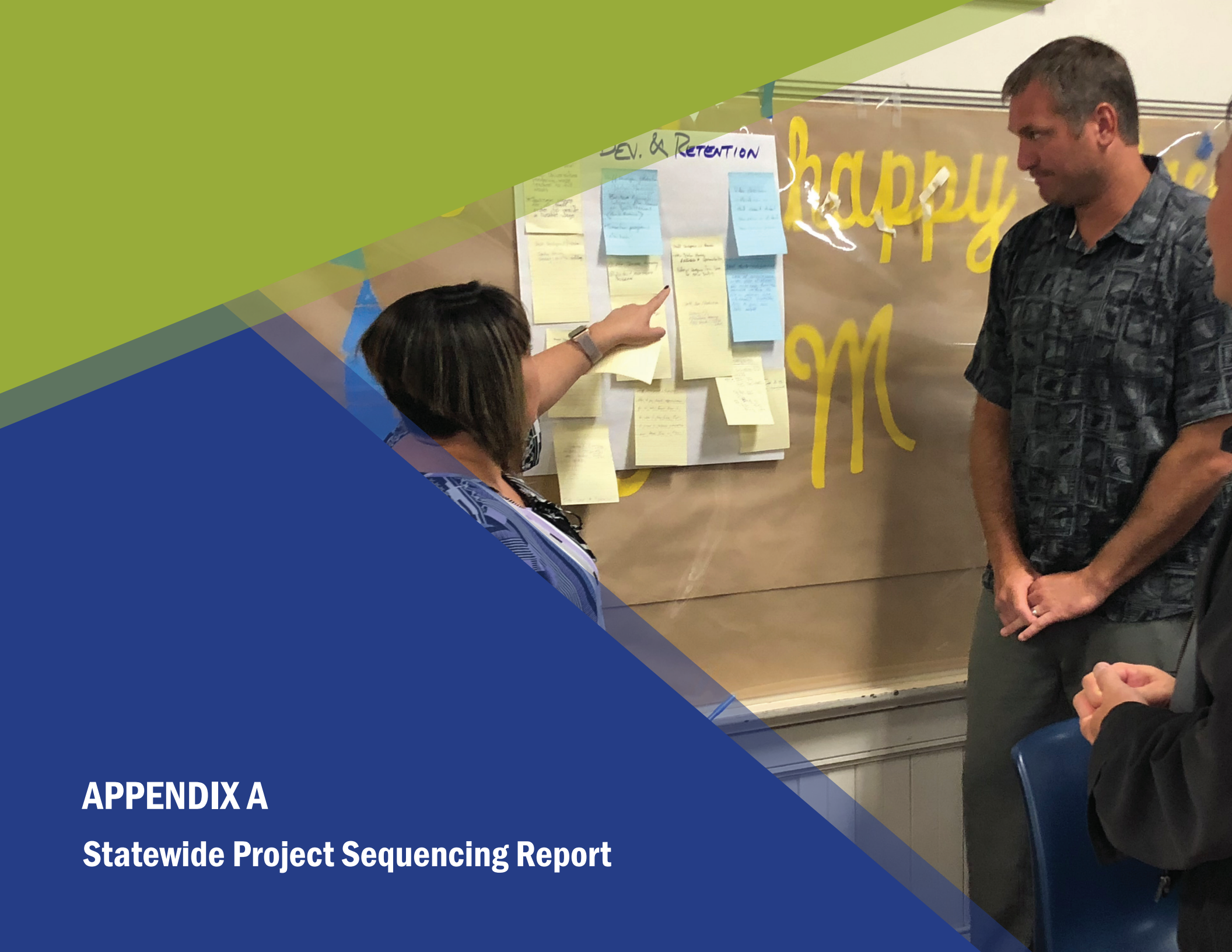
Priority 1



Capacity

Funding Category





APPENDIX A

Statewide Project Sequencing Report

In 2018, the Hawaii Department of Education initiated its first ever Statewide Facility Master Plan aimed to lay the path for:

- Modern, flexible facilities that enable collaborative learning and positive student outcomes.
- Equitably allocated resources informed by data, local priorities, and stakeholder voice.
- Sustained capital funding for school facilities with improved annual predictability.
- Coordinated and timely implementation of projects with heightened transparency and accountability.

Over 500 HIDOE stakeholders operating in 24 regional committees representing a cross section of their respective communities contributed in the development of prioritized regional plans. In February 2019 the DOE convened the Statewide Allocation Summit (SAS) with FMP participants from all regions of the state, a diverse representation of the students, parents, teachers, community members, and DOE administrators who designed their respective regional plans.

Charged with building consensus and providing guidance to the DOE in the integration of the 10 regional plans into one Statewide Plan, the SAS attendees worked collaboratively to weigh in on the values and criteria applicable to all students that should inform the sequencing of projects. They also reviewed preliminary project sequence lists and worked in small groups to build new categorical capital budgets with two distinct funding scenarios:

Current funding level - \$3B (\$300M/yr for 10 years)

Amplified funding level - \$6B (\$600M/yr for 10 years)

The funding allocations by project group defined by SAS attendees differed from a pure cost breakdown as outlined in the table below.

This report outlines an updated categorical ranking and funding allocation based on consensus built during the SAS. Each project group is ranked by data criteria as marked in the header of each page, and the running total is annotated with which funding scenario (or beyond) the project falls within.

Capacity Group A: Crowded without GE

Ranking criteria: local priority, capacity shortage minus SY1718 GE in, descending

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Leeward	Campbell	1D.1	Campbell HS 27-classroom buildings (fully-funded)	●	1	*	-640	(funded)	0	\$300M/yr
2	Maui	Districtwide	HS	Maui/Baldwin relief school in Kihei Phase 1 (800 capacity, '20-21, fully-funded)	●	1	*	-326	(funded)	0	\$300M/yr
3	Maui	Lahainaluna	5	Lahainaluna HS new 8-classroom addition (fully -funded)	●	1	*	-48	(funded)	0	\$300M/yr
4	Central	Moanalua	11	Salt Lake ES classroom partitions to add capacity (fully-funded)	●	1	*	-12	(funded)	0	\$300M/yr
5	Leeward	Kapolei	9.2	Kapolei MS 16-classroom building	●	1	*	-465	22	22	\$300M/yr
6	Central	Mililani	22	Mililani HS administration expansion and recapture classrooms	●	1		-450	9	32	\$300M/yr
7	Central	Mililani	1A	Mililani HS masterplanned multi-story additions on current site	●	1		-450	117	148	\$300M/yr
8	Leeward	Kapolei	4	Kapolei HS 21st century classroom partitions (partially-funded)	●	1	*	-360	22	170	\$300M/yr
9	Maui	Maui	3	Maui HS phased reconstruction	●	1		-326	111	281	\$300M/yr
10	Maui	Districtwide	HS	Maui/Baldwin relief school in Kihei Phase 2 (+ music, athletics, electives)	●	1	*	-326	56	337	\$300M/yr
11	Leeward	Kapolei	9.1	New East Kapolei MS 1,050 capacity (partially-funded)	●	1	*	-145	131	468	\$300M/yr
12	Leeward	Kapolei	9.3	Kapolei MS remove portables and restore site	●	1	*	-145	2	470	\$300M/yr
13	Leeward	Pearl City	8.1	Kanoelani ES: Replace 14 portables with permanent multi-level building with capacity for 350	●	1		-140	19	489	\$600M/yr
14	Leeward	Campbell	1D.2	Campbell / Kapolei regional CTE center and/or relief high school due diligence	●	1	*	-100	3	492	\$600M/yr
15	Kauai	Waimea	5	'Ele'ele ES new two-story, 12 classroom building	●	1		-81	20	512	\$600M/yr
16	Leeward	Campbell	4	Ilima Int fund 6th grade building, change grade configuration to 6-8	●	1	*	-74	28	540	\$600M/yr
17	Maui	Kekaulike	1D	Haiku ES reconstruction with site TBD	●	1		-54	42	582	\$600M/yr
18	Maui	Kekaulike	8	Paia ES phased reconstruction	●	1		85	20	602	\$600M/yr
19	Central	Mililani	6	Mililani MS classroom additions (net 5 additional classrooms)	●	1		86	28	630	\$600M/yr
20	Leeward	Campbell	1D.3	Campbell / Kapolei regional CTE center and/or relief high school implementation	●	1	*	-100	207	837	Beyond

Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Central	Moanalua	5	Moanalua HS shade structure in courtyard	●	1		1,013	2	2	\$300M/yr
2	Central	Mililani	23	Mililani HS covered walkways and security fencing around public	●	1		1,837	5	7	\$300M/yr
3	Hawaii SE	Kau	9	Covered Walkways at Ka'u HS	●	1		2,151	1	8	\$300M/yr
4	Central	Moanalua	9.2	Moanalua High covered multipurpose playcourt	●	1		4,367	9	17	\$300M/yr
5	Leeward	Kapolei	8	Kapolei MS covered multi-purpose facility	●	1		4,714	9	25	\$300M/yr
6	Central	Mililani	7	Mililani MS covered multi-purpose amphitheater	●	1	*	5,021	9	34	\$300M/yr
7	Maui	Maui	19.1	Maui Waena covered basketball court	●	1		6,939	9	43	\$300M/yr
8	Leeward	Waipahu	9.l	Waipahu ES: remove portable and expand kitchen and cafeteria	●	1		8,713	9	51	\$300M/yr
9	Central	Mililani	10	Mililani Mauka ES covered playcourt (planned)	●	1	*	10,077	9	60	\$300M/yr
10	Leeward	Waipahu	9.d	Kaleiopuu ES: indoor/outdoor cafeteria extension with stage and full service kitchen.	●	1	*	10,220	9	68	\$300M/yr
11	Central	Leilehua	9.7	Wheeler MS/ES construct multi-purpose dining/assembly space to connect library and Building C	●	1		11,231	9	77	\$300M/yr
12	Central	Leilehua	8.4	Wheeler MS/ES covered multipurpose playcourt	●	1		11,231	9	86	\$300M/yr
13	Central	Moanalua	9.6	Salt Lake El covered multipurpose playcourt	●	1		11,516	9	94	\$300M/yr
14	Central	Moanalua	9.1	Moanalua El covered multipurpose playcourt	●	1		11,720	9	103	\$300M/yr
15	Maui	Maui	11	Pomaikai ES covered playground and walkways	●	1		14,164	9	112	\$300M/yr
16	Lanai	Lanai	2	Lana'i K-12 new commons/cafeteria/distributed library/performance venue	●	1		14,281	9	120	\$300M/yr
17	Central	Leilehua	8.1	Helemano ES covered multipurpose playcourt	●	1		14,795	9	129	\$300M/yr
18	Central	Aiea	8	Aiea Int site covered play court	●	1		16,524	9	137	\$300M/yr
19	Central	Radford	12.5	Makalapa ES expand cafeteria into field as with indoor outdoor multi-purpose space.	●	1		17,081	9	146	\$600M/yr
20	Central	Moanalua	9.4	Red Hill El covered multipurpose playcourt	●	1		17,356	9	155	\$600M/yr

Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Maui	Maui	13	Kamalii ES covered playground	●	1	17,712	9	163	\$600M/yr
22	Central	Moanalua	9.5	Shafter EI covered multipurpose playcourt	●	1	17,896	9	172	\$600M/yr
23	Kauai	Waimea	11	Waimea Canyon MS build covered play court	●	1 *	18,550	9	181	\$600M/yr
24	Central	Leilehua	8.3	Wahiawa ES covered multipurpose playcourt	●	1	18,792	9	189	\$600M/yr
25	Central	Leilehua	8.2	Kaala ES covered multipurpose playcourt	●	1	19,211	9	198	\$600M/yr
26	Maui	Kekaulike	13.3	Pukalani ES covered play court	●	1	20,013	9	206	\$600M/yr
27	Central	Aiea	11.5	Waimalu ES – multi-purpose covered playcourt	●	1	22,759	9	215	\$600M/yr
28	Maui	Hana	1	Hana K12 covered elementary play court	●	1	23,250	9	224	\$600M/yr
29	Leeward	Waipahu	9.p	Covered walkways allowance (all campuses)	●	1	#DIV/0!	5	229	\$600M/yr
30	Honolulu	McKinley	17.2	Kauluwela ES new covered walkway	●	2	1,563	1	230	\$600M/yr
31	Honolulu	Farrington	19.1	Dole MS repair covered walkways	●	2	1,603	1	231	\$600M/yr
32	Honolulu	Farrington	19.5	Kapalama ES new covered walkways	●	2	1,645	1	232	\$600M/yr
33	Honolulu	Farrington	19.2	Kalihi Kai ES new covered walkways	●	2	1,742	1	233	\$600M/yr
34	Honolulu	Farrington	19.4	Kalihi Waena ES replace existing covered wlkways, add new from public bridge to cafeteria	●	2	1,835	1	234	\$600M/yr
35	Honolulu	McKinley	17.3	Lanakila ES new covered walkway	●	2	2,370	1	235	\$600M/yr
36	Honolulu	Kaimuki	20.1	Hokulani ES extend covered walkway to drop-off	●	2	3,125	1	236	\$600M/yr
37	Honolulu	Kaimuki	20.4	Lunalilo ES new covered walkway to cafeteria, library, Bldg D	●	2	3,247	1	237	\$600M/yr
38	Leeward	Kapolei	6	Kapolei HS student commons	●	2	3,732	9	245	\$600M/yr
39	Honolulu	Kaimuki	20.3	Kuhio ES new covered walkway	●	2	4,310	1	246	\$600M/yr
40	Honolulu	Farrington	19.6	Linapuni ES new covered walkways	●	2	5,236	1	247	\$600M/yr





















Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
41	Honolulu	McKinley	17.1	Kaiulani new multi-story covered walkway	2		5,249	2	249	\$600M/yr
42	Hawaii NW	Kealakehe	3	Kealakehe HS covered, multipurpose pavilion	2		5,425	9	258	\$600M/yr
43	Leeward	Waipahu	9.q	August Ahrens ES multi-purpose outdoor covered facility	2		6,765	9	267	\$600M/yr
44	Kauai	Kauai	6.2	Kauai HS new covered multipurpose space	2		6,973	9	275	\$600M/yr
45	Honolulu	Farrington	19.3	Kalihi Uka ES new multi-story covered walkways	2		7,273	2	277	\$600M/yr
46	Maui	Lahainaluna	4	Lahainaluna HS athletic masterplan projects, include cover of existing playcourt	2	*	7,547	9	286	\$600M/yr
47	Leeward	Pearl City	10.1	Kanoelani ES: indoor/outdoor multi-purpose cafeteria, fire sprinkler	2		10,244	9	294	\$600M/yr
48	Central	Leilehua	6	Wheeler MS/Wheeler ES covered playcourt	2		11,231	9	303	\$600M/yr
49	Central	Moanalua	7	Moanalua Int covered playcourt	2		11,563	9	312	\$600M/yr
50	Maui	Lahainaluna	11	Nahienaena ES new multi-purpose pavilion	2		11,672	9	320	\$600M/yr
51	Leeward	Waianae	8.1	Wai'anae Int covered playcourt	2		11,768	9	329	\$600M/yr
52	Central	Radford	15.1	Hickam El covered multipurpose playcourt	2		12,047	9	338	\$600M/yr
53	Windward	Kalaheo	4	Kailua Int indoor/outdoor cafeteria addition	2		12,305	9	346	\$600M/yr
54	Central	Radford	15.4	Nimitz El covered multipurpose playcourt	2		12,358	9	355	\$600M/yr
55	Maui	Lahainaluna	22	Lahaina Int. cover existing playcourt	2		13,230	9	363	\$600M/yr
56	Leeward	Waipahu	9.r	Honowai ES multi-purpose outdoor covered facility	2		13,735	9	372	Beyond
57	Leeward	Waipahu	9.s	Waiekele ES multi-purpose outdoor covered facility	2		14,521	9	381	Beyond
58	Central	Radford	7	Aliamanu MS covered play court	2		15,321	9	389	Beyond
59	Central	Radford	15.5	Pearl Harbor El covered multipurpose playcourt	2		16,275	9	398	Beyond
60	Central	Radford	15.2	Makalapa El covered multipurpose playcourt	2		17,081	9	407	Beyond





















Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
61	Leeward	Pearl City	10.6	Palisades ES: cover neighboring park play courts; rooftop covered play court on newly built admin/STEAM classrooms		2		20,344	9	415	Beyond
62	Central	Radford	15.6	Pearl Harbor Kai EI covered multipurpose playcourt		2		21,142	9	424	Beyond
63	Leeward	Pearl City	10.4	Momilani ES: covered play court		2		21,457	9	432	Beyond
64	Leeward	Pearl City	10.5	Pearl City ES: covered play court		2		22,061	9	441	Beyond
65	Kauai	Kapa'a	3.1	Kilauea ES covered playcourt		2		23,440	9	450	Beyond
66	Leeward	Pearl City	10.2	Manana ES: Replace Building F with multi-purpose covered area; Construct ADA ramp		2		24,230	9	458	Beyond
67	Honolulu	Kaimuki	20.2	Jefferson ES shade structure/trees		2		24,716	9	467	Beyond
68	Central	Radford	15.3	Mokulele EI covered multipurpose playcourt		2		30,055	9	476	Beyond
69	Kauai	Waimea	9	Kalaheo ES multi-purpose covered space and addition		2		30,725	14	490	Beyond
70	Leeward	Pearl City	10.3	Lehua ES: outdoor multi-purpose covered area (designed)		2	*	31,712	9	498	Beyond
71	Hawaii NW	Kohala	4.1	Kohala MS ongoing playcourt and lanai projects		2	*	59,081	9	507	Beyond
72	Leeward	Kapolei	10	Kapolei complex covered multi-purpose spaces (all schools)		2		#DIV/0!	86	593	Beyond
73	Leeward	Nanakuli	4	Nanakuli shade structures (all schools)		2		#DIV/0!	35	628	Beyond
74	Hawaii SE	Pahoa	3	Pahoa ES covered walkways		3		2,793	1	629	Beyond
75	Hawaii NW	Kealahou	16	Kealahou Int and ES new covered playcourt		3		11,532	9	637	Beyond
76	Kauai	Waimea	7	Kekaha ES new covered play court		3		23,440	9	646	Beyond
77	Leeward	Kapolei	17	Kapolei complex covered walkways (all schools)		4		5,000	5	651	Beyond
78	Honolulu	Kalani	14.2	Kaimuki Middle covered multipurpose facility		4		8,482	9	660	Beyond
79	Honolulu	Roosevelt	16.1	Kawananakoa Middle covered multipurpose facility		4		10,823	9	668	Beyond
80	Honolulu	Kaiser	14.4	Niu Valley Middle covered multipurpose facility		4		11,547	9	677	Beyond





















Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
81	Hawaii SE	Keaau	8	Keaau MS covered multi-purpose facility & walkways		4		11,578	9	685	Beyond
82	Leeward	Campbell	6	Ilima Int new covered multipurpose space		4		12,132	9	694	Beyond
83	Honolulu	Roosevelt	16.2	Maemae EI covered multipurpose facility		4		12,519	9	703	Beyond
84	Kauai	Waimea	2	Waimea HS covered multipurpose area between Buildings C & F		4		12,556	9	711	Beyond
85	Honolulu	Roosevelt	16.6	Stevenson Middle / Lincoln ES covered multipurpose facility		4		13,415	9	720	Beyond
86	Honolulu	McKinley	16.4	Kauluwela EI covered multipurpose facility		4		13,478	9	729	Beyond
87	Honolulu	Kaimuki	19.8	Washington MS covered playcourt/multi-purpose facility		4		13,520	9	737	Beyond
88	Honolulu	Farrington	18.6	Kapalama EI covered multipurpose facility		4		14,187	9	746	Beyond
89	Hawaii NW	Honoka'a	2	New Honokaa HS/Intermediate campus commons		4		14,473	9	754	Beyond
90	Central	Mililani	9	Kipapa ES covered multi-purpose amphitheater		4		14,620	9	763	Beyond
91	Honolulu	Kalani	14.5	Waikiki EI covered multipurpose facility		4		15,267	9	772	Beyond
92	Honolulu	Kalani	14.6	Wilson EI covered multipurpose facility		4		15,376	9	780	Beyond
93	Honolulu	Kalani	14.4	Waialae EI PCS covered multipurpose facility		4		15,798	9	789	Beyond
94	Honolulu	Farrington	18.5	Kalihi Waena EI covered multipurpose facility		4		15,827	9	798	Beyond
95	Kauai	Waimea	6	'Ele'ele ES library renovations and multipurpose covered area		4		15,915	9	806	Beyond
96	Honolulu	Roosevelt	16.3	Manoa EI covered multipurpose facility		4		16,306	9	815	Beyond
97	Honolulu	McKinley	16.2	Kaahumanu EI covered multipurpose facility		4		16,461	9	823	Beyond
98	Central	Aiea	7	Aiea Int outdoor project based learning venue		4		16,524	9	832	Beyond
99	Honolulu	Kaiser	14.2	Hahaione EI covered multipurpose facility		4		16,717	9	841	Beyond
100	Honolulu	Kalani	14.3	Liholiho EI covered multipurpose facility		4		16,814	9	849	Beyond

Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
101	Hawaii NW	Konawaena	11	Konawaena ES indoor/outdoor dining/multi-purpose space		4		16,946	9	858	Beyond
102	Hawaii SE	Pahoa	4	Pahoa ES/HS/Int covered playcourt		4		17,604	9	867	Beyond
103	Honolulu	Kaiser	14.1	Aina Haina EI covered multipurpose facility		4		18,198	9	875	Beyond
104	Honolulu	Kalani	14.1	Kahala EI covered multipurpose facility		4		18,916	9	884	Beyond
105	Maui	Kekaulike	9	Paia ES covered play court		4		19,427	9	892	Beyond
106	Honolulu	McKinley	16.5	Lanakila EI covered multipurpose facility		4		20,440	9	901	Beyond
107	Honolulu	Farrington	18.1	Fern EI covered multipurpose facility		4		20,886	9	910	Beyond
108	Honolulu	McKinley	16.1	Central Middle covered multipurpose facility		4		21,782	9	918	Beyond
109	Honolulu	Kaiser	14.5	Kamiloiki EI covered multipurpose facility		4		22,463	9	927	Beyond
110	Honolulu	Kaimuki	19.1	Ala Wai EI covered playcourt/multi-purpose facility		4		22,522	9	936	Beyond
111	Honolulu	McKinley	16.3	Kaiulani EI covered multipurpose facility		4		22,640	9	944	Beyond
112	Honolulu	McKinley	16.7	Royal EI covered multipurpose facility		4		23,376	9	953	Beyond
113	Honolulu	Roosevelt	16.4	Nuuanu EI covered multipurpose facility		4		24,436	9	961	Beyond
114	Honolulu	McKinley	16.6	Likelike EI covered multipurpose facility		4		24,505	9	970	Beyond
115	Honolulu	Kaimuki	19.4	Jefferson EI covered playcourt/multi-purpose facility		4		24,716	9	979	Beyond
116	Honolulu	Kaiser	14.3	Koko Head EI covered multipurpose facility		4		26,298	9	987	Beyond
117	Honolulu	Farrington	18.2	Kaewai EI covered multipurpose facility		4		26,541	9	996	Beyond
118	Honolulu	Kaimuki	19.3	Hokulani EI covered playcourt/multi-purpose facility		4		26,955	9	1,005	Beyond
119	Honolulu	Roosevelt	16.5	Pauoa EI covered multipurpose facility		4		27,383	9	1,013	Beyond
120	Honolulu	Kaimuki	19.6	Lunalilo EI overed playcourt/multi-purpose facility		4		28,006	9	1,022	Beyond

Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
121	Honolulu	Kaimuki	19.7	Palolo El covered playcourt/multi-purpose facility		4		28,849	9	1,030	Beyond
122	Honolulu	Farrington	18.4	Kalihi Uka El covered multipurpose facility		4		31,366	9	1,039	Beyond
123	Honolulu	Kaimuki	19.5	Kuhio El covered playcourt/multi-purpose facility		4		37,180	9	1,048	Beyond
124	Honolulu	Farrington	18.3	Kalihi El covered multipurpose facility		4		37,341	9	1,056	Beyond
125	Honolulu	Kaimuki	19.2	Aliiolani El covered playcourt/multi-purpose facility		4		40,688	9	1,065	Beyond
126	Honolulu	Farrington	18.7	Puuhale El covered multipurpose facility		4		40,688	9	1,074	Beyond
127	Leeward	Waianae	5.2	Wai'anae HS covered pavilion		5		4,943	9	1,082	Beyond
128	Leeward	Pearl City	4	Pearl City HS shade structures		5		5,724	9	1,091	Beyond
129	Honolulu	Roosevelt	5	Roosevelt HS outdoor performance & instruction space		5		6,692	9	1,099	Beyond
130	Maui	Kekaulike	2	Kekaulike HS covered courtyard multi-use commons		5		7,354	9	1,108	Beyond
131	Leeward	Campbell	7.5	Holomua El covered multi-purpose facility		5		7,360	9	1,117	Beyond
132	Leeward	Campbell	7.1	Ewa El covered multi-purpose facility		5		7,906	9	1,125	Beyond
133	Leeward	Campbell	7.7	Keoneula El covered multi-purpose facility		5		8,115	9	1,134	Beyond
134	Windward	Castle	16	Covered multipurpose playcourt (various schools)		5		8,626	9	1,143	Beyond
135	Leeward	Nanakuli	5	Nanakuli HS new multi-purpose dining area		5		8,865	9	1,151	Beyond
136	Leeward	Campbell	7.2	Ewa Beach El covered multi-purpose facility		5		12,429	9	1,160	Beyond
137	Leeward	Campbell	7.3	Iroquois Point El covered multi-purpose facility		5		12,592	9	1,168	Beyond
138	Leeward	Campbell	7.6	Kaimiloa El covered multi-purpose facility		5		13,373	9	1,177	Beyond
139	Leeward	Campbell	7.4	Pohakea El covered multi-purpose facility		5		19,560	9	1,186	Beyond
140	Molokai	Molokai	4	Molokai HS new multipurpose outdoor commons		5		22,061	9	1,194	Beyond

Health and Safety Group C: Shelter and Shade

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
141	Windward	Kahuku	10	Kahuku ES covered outdoor multipurpose facility	<input type="radio"/> 5		22,174	9	1,203	Beyond
142	Windward	Kailua	8	Waimanalo ES/Int covered multipurpose playcourt	<input type="radio"/> 5		22,347	9	1,212	Beyond
143	Windward	Kalaheo	9	Kailua ES covered play court	<input type="radio"/> 5		24,505	9	1,220	Beyond
144	Molokai	Molokai	9	Molokai MS new covered multipurpose space	<input type="radio"/> 5		42,914	9	1,229	Beyond





















Health and Safety Group D: Heat Abatement

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Windward	Castle	19	He'eia ES AC improvements		1		9,246	4	4	\$300M/yr
2	Leeward	Pearl City	8.4	Momilani ES: A/C in cafeteria		1		12,438	5	9	\$300M/yr
3	Maui	Lahainaluna	16.3	Install air conditioning in classrooms		1		12,802	26	35	\$300M/yr
4	Honolulu	Kaiser	6	Heat abatement (various schools)		1		16,822	34	68	\$300M/yr
5	Leeward	Waianae	13	Air conditioning in all classrooms		1		24,821	50	118	\$300M/yr
6	Kauai	Districtwide	HA	Districtwide implement heat abatement program		1		43,518	87	205	\$600M/yr
7	Central	Mililani	15	Mililani HS air conditioning		2		6,190	17	222	\$600M/yr
8	Windward	Kalaheo	5	Aikahi ES AC retrofit		2		7,324	4	226	\$600M/yr
9	Honolulu	Kalani	6	Heat abatement (various schools)		2		19,826	40	265	\$600M/yr
10	Honolulu	McKinley	6	Heat abatement (various schools)		2		24,359	49	314	\$600M/yr
11	Honolulu	Roosevelt	7	Heat abatement (various schools)		2		26,235	52	366	Beyond
12	Honolulu	Kaimuki	9	Heat abatement (various schools)		2		26,235	52	419	Beyond
13	Honolulu	Farrington	9	Heat abatement (various schools)		2		31,563	63	482	Beyond
14	Central	Leilehua	15	Leilehua HS install air conditioning		3		10,245	16	498	Beyond
15	Leeward	Pearl City	2.2	Pearl City HS install A/C		3		12,721	19	517	Beyond
16	Central	Radford	17	Makalapa ES A/C		4		8,241	4	521	Beyond
17	Maui	Hana	7	Hana K12 AC renovations		4		12,675	5	526	Beyond
18	Windward	Kailua	9	Air conditioning retrofit projects (various schools)		4		25,158	50	576	Beyond



Health and Safety Group E: Flood Control

Ranking criteria: local priority, cost, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Leeward	Waipahu	9.f	Kaleiopuu ES: covered walkways and emergency evacuation path from back of school to Hoae'ae park		1		1,185	1	1	\$300M/yr
2	Kauai	Kauai	13.2	Wilcox ES flood control		1		1,203	1	2	\$300M/yr
3	Central	Leilehua	18	Leilehua HS site drainage		1		1,273	2	4	\$300M/yr
4	Maui	Lahainaluna	1A.1	Kamehameha III Phase 1: land due diligence		1		1,464	1	5	\$300M/yr
5	Windward	Kahuku	4	Kahuku HS/Int flood control		1		1,475	2	7	\$300M/yr
6	Windward	Castle	14	Site drainage improvements (various schools)		1		2,000	2	9	\$300M/yr
7	Windward	Castle	2A	Waiāhole, Ka'a'awa, and Hau'ula campuses remain open - due diligence for land acquisition/swap		1		2,193	0	9	\$300M/yr
8	Maui	Baldwin	10	Waihee ES drainage and traffic improvements		1		2,886	2	11	\$300M/yr
9	Central	Radford	18	Pearl Harbor Kai ES site drainage		1	*	4,902	2	13	\$300M/yr
10	Leeward	Pearl City	11.1	Kanoelani ES renovate parking area and fire lane		1		5,938	5	18	\$300M/yr
11	Maui	Lahainaluna	8	Lahaina Int. new multi-purpose pavilion / emergency shelter		1		13,230	9	27	\$300M/yr
12	Leeward	Pearl City	11.2	Manana ES: parking lot and fire lane improvements (in progress)		1	*	14,045	5	32	\$300M/yr
13	Molokai	Molokai	10.1	Maunaloa ES and Kilohana ES multi-purpose shelter in place		1		399,628	14	46	\$300M/yr
14	Windward	Castle	6	Castle HS flood control and fire lane		2		1,756	2	48	\$300M/yr
15	Honolulu	Farrington	11.3	Kalakaua MS flood drainage at cafeteria, locker rooms		2		2,252	2	50	\$300M/yr
16	Central	Waialua	2	Waialua HS & Intermediate site drainage		2		2,786	2	52	\$300M/yr
17	Honolulu	Farrington	11.1	Dole MS flood drainage at cafeteria, health center		2		3,205	2	54	\$300M/yr
18	Honolulu	Farrington	11.6	Kalihi Waena ES flood drainage at central walkway		2		3,670	2	56	\$300M/yr
19	Honolulu	Roosevelt	9.2	Manoa ES flood drainage at 1st & 2nd grade		2		3,781	2	58	\$300M/yr
20	Honolulu	Kaiser	8	Hahaione ES flood drainage at Bldg G		2		3,876	2	60	\$300M/yr















Capacity Group A: Crowded without GE

Ranking criteria: local priority, capacity shortage minus SY1718 GE in, descending

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Hawaii NW	Konawaena	3	Konawaena HS historic renovation and additions		2		-119	21	858	Beyond
22	Maui	Districtwide	HS	Maui/Baldwin relief school in Kihei Phase 3 (+ ### capacity)		5	*	-326	67	925	Beyond

Health and Safety Group E: Flood Control

Ranking criteria: local priority, cost, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Honolulu	Kalani	8.2	Liholiho ES flood drainage at cafeteria		2		3,899	2	62	\$300M/yr
22	Honolulu	Kalani	8.1	Kahala ES flood drainage at Bldgs D&E		2		4,386	2	64	\$300M/yr
23	Honolulu	Roosevelt	9.1	Lanakila ES flood drainage at Bldg C&I, parking lot		2		4,739	2	66	\$600M/yr
24	Honolulu	Farrington	11.2	Fern ES flood drainage at Bldgs B, I, G		2		4,843	2	68	\$600M/yr
25	Honolulu	Kaimuki	11.1	Ala Wai ES regrade, add drainage		2		5,222	2	70	\$600M/yr
26	Honolulu	McKinley	8.1	Kaiulani ES runoff into HCC		2		5,249	2	72	\$600M/yr
27	Honolulu	Farrington	11.5	Kalihi Uka flood drainage at regrade, add drainage		2		7,273	2	74	\$600M/yr
28	Honolulu	Kaimuki	11.2	Kuhio ES address runoff, erosion, and flooding		2		8,621	2	76	\$600M/yr
29	Honolulu	Farrington	11.4	Kalihi ES flood drainage at playfields A&B , back doors		2		8,658	2	78	\$600M/yr
30	Honolulu	Farrington	11.7	Puuhale ES flood drainage at parking lot		2		9,434	2	80	\$600M/yr
31	Maui	Districtwide	EME	Maui District emergency shelter improvements		3		250	0	81	\$600M/yr
32	Central	Mililani	20	Mililani HS site drainage		3		735	2	83	\$600M/yr
33	Maui	Lahainaluna	1A.2	Kamehameha III Phase 2: construct new school on alternate site		1		119,431	82	164	Beyond
34	Molokai	Molokai	2A	Move Kuanakakai ES out of flood zone		1		161,482	42	206	Beyond

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Hawaii NW	Honoka'a	3	Paauiilo renovations and multi-use space conversions	●	1		0.60	2	2	\$300M/yr
2	Central	Moanalua	10.4	Shafter ES construct multi-purpose STEAM classrooms above cafeteria (if school is not replaced on nearby site by DOD)	●	1		0.62	8	10	\$300M/yr
3	Hawaii NW	Honoka'a	6	Honokaa ES renovations and multi-use space conversions	●	1		0.62	2	12	\$300M/yr
4	Molokai	Molokai	19	Multipurpose STEAM classrooms (all schools)	●	1		0.64	5	17	\$300M/yr
5	Leeward	Pearl City	8.3	Momilani ES: 2 new STEAM CRs, 1 library, and 2 SPED classrooms on south side lawn	●	1		0.64	12	29	\$300M/yr
6	Honolulu	McKinley	13.6	Lanakila ES pre-k renovation	●	1		0.65	2	30	\$300M/yr
7	Central	Aiea	11.4	Waimalu ES convert 6 classrooms in Bldg A w/ multi-purpose and SPED	●	1		0.66	2	32	\$300M/yr
8	Central	Waialua	7	Waialua ES flexible maker-spaces	●	1		0.66	2	33	\$300M/yr
9	Leeward	Pearl City	8.8	Pearl City Highlands ES: new STEAM building with 6 classrooms and PLC for teacher collaboration	●	1		0.67	9	43	\$300M/yr
10	Central	Waialua	8	Haleiwa ES STEAM classrooms	●	1		0.67	2	44	\$300M/yr
11	Central	Aiea	11.6	Webbing – demolish and reconstruct library, to include flexible STEAM classrooms.	●	1		0.68	15	59	\$300M/yr
12	Central	Moanalua	10.2	Red Hill ES replace portables P1 and P2 with new flexible STEAM classrooms and professional learning center in courtyard near building B.	●	1		0.69	2	62	\$300M/yr
13	Central	Leilehua	9.4	Iliahi ES renovate existing art room into multi-purpose flexible space	●	1		0.70	2	64	\$300M/yr
14	Hawaii NW	Konawaena	19	Furniture and equipment refresh (all schools)	●	1		0.70	5	69	\$300M/yr
15	Molokai	Molokai	21	Equipment refresh (all schools)	●	1		0.71	2	70	\$300M/yr
16	Molokai	Molokai	18	Sustainable energy improvements	●	1		0.71	5	75	\$300M/yr
17	Hawaii NW	Honoka'a	13	Furniture and equipment refresh (all schools)	●	1		0.71	3	78	\$300M/yr
18	Hawaii NW	Kealakehe	21	Furniture and equipment refresh (all schools)	●	1		0.73	7	85	\$300M/yr
19	Central	Radford	12.8	Pearl Harbor ES expand library to include flexible learning spaces.	●	1		0.73	8	92	\$300M/yr
20	Honolulu	Roosevelt	17.1	Nuuanu ES new admin and convert admin to STEAM	●	1		0.73	15	108	\$300M/yr

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Kauai	Waimea	16	Prioritized furniture/equipment refresh	●	1		0.73	4	111	\$300M/yr
22	Hawaii NW	Kohala	13	Furniture and equipment refresh (all schools)	●	1		0.74	1	112	\$300M/yr
23	Windward	Districtwide	FUR	Modern classroom furniture and equipment (all schools)	●	1		0.74	21	133	\$300M/yr
24	Central	Radford	12.4	Makalapa ES replace portables with multi-story preschool learning center, add primary classroom restrooms in Building I	●	1		0.74	12	145	\$300M/yr
25	Central	Districtwide	DL	Distance learning infrastructure	●	1		0.75	0	146	\$300M/yr
26	Central	Districtwide	TR	Transportation solution to support innovation and partnerships between schools.	●	1		0.75	3	149	\$300M/yr
27	Honolulu	Districtwide	IMM	Anuenue K-12 gymnasium and multipurpose additions	●	1		0.75	14	163	\$300M/yr
28	Kauai	Districtwide	PAC	Community-based performing arts center	●	1		0.76	43	206	\$300M/yr
29	Kauai	Kapa'a	15	Prioritized furniture/equipment refresh	●	1		0.76	5	211	\$300M/yr
30	Honolulu	Farrington	15.3	Kalihi Waena ES replace pre-k restroom fixtures for older grades	●	1		0.77	2	212	\$300M/yr
31	Central	Radford	21	Radford HS expand admin and relocation health to first floor	●	1		0.78	3	215	\$300M/yr
32	Central	Radford	5	Radford HS band room / music addition	●	1		0.78	10	225	\$300M/yr
33	Kauai	Kauai	18	Prioritized furniture/equipment refresh	●	1		0.78	6	231	\$300M/yr
34	Honolulu	Farrington	15.2	Kalihi Kai pre-k renovation	●	1		0.78	2	233	\$300M/yr
35	Maui	Hana	12	Hana green design renovations	●	1		0.78	10	243	\$300M/yr
36	Maui	Hana	4	Hana K12 multi-purpose community arts and athletics center	●	1		0.78	29	271	\$300M/yr
37	Central	Leilehua	2	Leilehua HS project-based learning spaces, STEAM & professional centers	●	1		0.78	12	283	\$300M/yr
38	Hawaii NW	Kohala	7.1	Kohala HS new gym	●	1		0.79	37	320	\$300M/yr
39	Hawaii NW	Kohala	7.2	Kohala HS new athletic facility masterplan	●	1		0.79	25	345	\$300M/yr
40	Honolulu	McKinley	5	Central MS STEAM renovation	●	1		0.79	2	347	\$300M/yr

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
41	Leeward	Pearl City	12	Manana ES special education medical fragile facilities	●	1		0.80	2	349	\$300M/yr
42	Central	Radford	12.9	Pearl Harbor Kai expand library to include professional learning center.	●	1		0.80	12	360	\$300M/yr
43	Honolulu	Roosevelt	3	Roosevelt HS new gymnasium with 4-6 classroom spaces	●	1		0.80	31	391	\$300M/yr
44	Honolulu	Kalani	5	Kaimuki MS STEAM classroom renovations	●	1		0.81	2	393	\$300M/yr
45	Windward	Kahuku	7	Kahuku HS/Int athletics master plan projects	●	1		0.81	25	418	\$300M/yr
46	Honolulu	Kaimuki	7	Washington MS STEAM classroom renovations	●	1		0.81	2	419	\$300M/yr
47	Honolulu	Kaimuki	8	Washington MS music classroom renovations	●	1	*	0.81	2	422	\$300M/yr
48	Central	Mililani	3	Mililani HS visual and performing arts center (planned)	●	1	*	0.81	36	457	\$300M/yr
49	Honolulu	Kaiser	12.3	Kamiloiki pre-k renovation	●	1		0.81	2	459	\$300M/yr
50	Leeward	Waianae	14	Elementary SPED/Alternative Center	●	1		0.81	8	467	\$300M/yr
51	Leeward	Waipahu	12	STEAM renovations (elementary schools)	●	1		0.81	10	477	\$300M/yr
52	Leeward	Waipahu	6	Waipahu HS program specific building additions	●	1		0.82	16	493	\$300M/yr
53	Leeward	Waipahu	14	Waipahu HS land use partnership	●	1		0.82	0	493	\$300M/yr
54	Lanai	Lanai	10	Lana'i K-12 initiate 50 acre land acquisition	●	1		0.82	0	493	\$300M/yr
55	Honolulu	Roosevelt	13.1	Lincoln ES pre-k renovation	●	1		0.83	2	495	\$300M/yr
56	Kauai	Waimea	3	Waimea HS new gym	●	1		0.83	37	532	\$600M/yr
57	Kauai	Waimea	17	Waimea HS or MS performing arts center	●	1		0.83	14	546	\$600M/yr
58	Kauai	Kapa'a	11.1	Kapa'a HS new gym	●	1		0.83	37	583	\$600M/yr
59	Leeward	Waipahu	9.j	Waikele ES: replace portables with permanent STEAM building	●	1		0.83	3	587	\$600M/yr
60	Leeward	Waianae	4	Wai'anāe HS alternative learning center	●	1		0.83	17	603	\$600M/yr

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
61	Leeward	Waianae	2	Waīʻanae HS marine science learning center expansion	●	1		0.83	10	613	\$600M/yr
62	Leeward	Campbell	3	Campbell HS private-public-partnerships for CTE	●	1		0.83	3	616	\$600M/yr
63	Kauai	Kauai	2.2	Kauai HS renovations of Buildings O	●	1		0.83	1	617	\$600M/yr
64	Kauai	Kauai	17.1	Kauai HS new gym	●	1	*	0.83	37	654	\$600M/yr
65	Honolulu	Districtwide	1C	Honolulu complimentary CTE programs/facilities	●	1		0.83	42	696	\$600M/yr
66	Honolulu	Kalani	3	Kalani HS 21st music instruction space	●	1		0.83	36	732	\$600M/yr
67	Maui	Lahainaluna	18	Lahainaluna high school CTE spaces	●	1		0.83	6	738	\$600M/yr
68	Central	Leilehua	4	Wahiawa MS project-based learning spaces & professional centers	●	1		0.83	9	747	\$600M/yr
69	Honolulu	Farrington	6	Dole MS STEAM classroom renovations	●	1		0.84	2	749	\$600M/yr
70	Honolulu	Kaimuki	5	Kaimuki HS repurpose buildings B, C& D for STEAM instruction	●	1		0.84	30	779	\$600M/yr
71	Maui	Districtwide	LAN	Maui District Hawaiian immersion program facility needs engagement	●	1		0.84	0	779	\$600M/yr
72	Honolulu	Kaiser	3	Kaiser HS Visual and Performing Arts Center	●	1		0.84	36	815	\$600M/yr
73	Honolulu	Roosevelt	6.2	Stevenson MS renovate music spaces	●	1		0.84	2	817	\$600M/yr
74	Honolulu	Kaiser	5	Nui Valley MS STEAM classroom addition	●	1		0.84	3	820	\$600M/yr
75	Honolulu	McKinley	3	McKinley HS stadium lighting and seating addition	●	1		0.84	25	845	\$600M/yr
76	Central	Aiea	2	Aiea HS health careers and community clinic center	●	1		0.84	3	848	\$600M/yr
77	Windward	Kailua	5	Kailua HS athletic master plan projects	●	1		0.85	25	873	\$600M/yr
78	Central	Waialua	4	Waialua HS & Intermediate music arts facility	●	1		0.85	10	883	\$600M/yr
79	Hawaii NW	Konawaena	15	Konawaena HS athletic master plan projects	●	1		0.86	25	908	\$600M/yr
80	Central	Moanalua	2.1	Moanalua HS special education enhancements	●	1		0.86	8	916	\$600M/yr





















Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
81	Central	Moanalua	8	Moanalua Int new instructional music space	●	1		0.86	12	928	\$600M/yr
82	Honolulu	McKinley	13.5	Kaiulani ES pre-k renovation	●	1		0.87	2	930	\$600M/yr
83	Hawaii NW	Kealakehe	15	Kealakehe Int new media production center	●	1		0.88	4	933	\$600M/yr
84	Leeward	Pearl City	6.1	Pearl City HS SPED improvements	●	1		0.88	2	935	\$600M/yr
85	Leeward	Pearl City	3	Pearl City HS renovate career technical education (CTE) spaces	●	1		0.88	3	938	\$600M/yr
86	Kauai	Waimea	12	Waimea Canyon MS renovate library into maker space	●	1	*	0.88	2	939	\$600M/yr
87	Kauai	Waimea	15	Waimea Canyon MS construct/convert science classrooms, and convert former ES rooms to MS standards	●	1		0.88	2	941	\$600M/yr
88	Leeward	Nanakuli	8	Nanakuli HS visual performing arts (VPA) center	●	1		0.89	36	977	\$600M/yr
89	Leeward	Kapolei	3	Kapolei HS private-public-partnerships for CTE	●	1		0.89	25	1,002	\$600M/yr
90	Leeward	Kapolei	5	Kapolei HS new auditorium building with classrooms	●	1		0.89	36	1,038	\$600M/yr
91	Leeward	Waipahu	8	Waipahu Int DREAMS facility	●	1	*	0.91	17	1,054	\$600M/yr
92	Hawaii NW	Kealakehe	2	Kealakehe HS performing arts and student center	●	1	*	0.92	43	1,098	\$600M/yr
93	Honolulu	Kaiser	11	Flexible STEAM and/or outdoor learning spaces (all ES and MS)	●	2		0.60	7	1,104	\$600M/yr
94	Honolulu	Farrington	14	Flexible STEAM and/or outdoor learning spaces (all ES)	●	2		0.62	15	1,119	\$600M/yr
95	Honolulu	Kalani	11	Flexible STEAM and/or outdoor learning spaces (all ES and MS)	●	2		0.62	13	1,132	\$600M/yr
96	Central	Radford	11.2	Hickam EI flexible project-based STEAM classrooms	●	2		0.63	2	1,134	\$600M/yr
97	Maui	Kekaulike	7.1	Kula ES replace portables with new multi-story buildings for STEAM, Music, and Professional Learning Center	●	2		0.64	13	1,147	\$600M/yr
98	Central	Aiea	10.4	Flexible project-based STEAM classrooms - Pearl Ridge EI	●	2		0.65	3	1,151	\$600M/yr
99	Central	Aiea	10.2	Flexible project-based STEAM classrooms - Waimalu EI	●	2		0.66	3	1,154	\$600M/yr
100	Honolulu	McKinley	12	Flexible STEAM and/or outdoor learning spaces (all ES and MS)	●	2		0.66	2	1,156	\$600M/yr

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
101	Central	Radford	11.1	Aliamanu EI flexible project-based STEAM classrooms		2		0.68	2	1,157	\$600M/yr
102	Central	Aiea	10.1	Flexible project-based STEAM classrooms - Aiea EI		2		0.70	3	1,161	\$600M/yr
103	Central	Radford	11.5	Pearl Harbor EI flexible project-based STEAM classrooms		2		0.73	2	1,162	\$600M/yr
104	Honolulu	Roosevelt	12	Flexible STEAM and/or outdoor learning spaces (all ES and MS)		2		0.74	13	1,176	\$600M/yr
105	Central	Radford	11.3	Makalapa EI flexible project-based STEAM classrooms		2		0.74	2	1,177	\$600M/yr
106	Honolulu	Kaimuki	15	Flexible STEAM and/or outdoor learning spaces (all ES and MS)		2		0.76	13	1,191	\$600M/yr
107	Central	Radford	11.4	Mokulele EI flexible project-based STEAM classrooms		2		0.76	2	1,192	\$600M/yr
108	Hawaii SE	Kau	3.1	Ka'u HS athletic master plan high priority projects		2		0.77	25	1,217	\$600M/yr
109	Central	Radford	3	Radford HS 21 st Century learning environments		2		0.78	2	1,219	\$600M/yr
110	Central	Radford	6	Radford HS science labs		2	*	0.78	2	1,221	\$600M/yr
111	Molokai	Molokai	15	Molokai MS Hawaiian Language Immersion Program classrooms		2		0.79	10	1,231	\$600M/yr
112	Molokai	Molokai	5	Molokai HS athletics improvements		2		0.80	25	1,256	Beyond
113	Molokai	Molokai	3	Molokai HS replace portables with spaces for STEM and careers		2		0.80	20	1,276	Beyond
114	Central	Radford	11.6	Pearl Harbor Kai EI flexible project-based STEAM classrooms		2		0.80	2	1,277	Beyond
115	Maui	Maui	7	Lokelani Int convert/replace building J for multi-purpose STEAM		2		0.80	5	1,282	Beyond
116	Hawaii SE	Pahoa	7	Pahoa HS athletic master plan projects		2		0.81	25	1,307	Beyond
117	Lanai	Lanai	7	Lana'i K-12 athletic fields		2		0.82	10	1,317	Beyond
118	Windward	Castle	5.1	Castle HS Special Education improvements		2		0.82	2	1,318	Beyond
119	Kauai	Waimea	4	Waimea HS CTE renovations and enhancements		2		0.83	6	1,324	Beyond
120	Kauai	Kapa'a	13	Kapaa HS performing arts center		2		0.83	14	1,339	Beyond

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
121	Leeward	Campbell	13	Campbell HS track, bleachers, PA system, restrooms	2		0.83	25	1,364	Beyond
122	Kauai	Kauai	6.1	Kauai HS new two-story classroom building	2		0.83	24	1,388	Beyond
123	Kauai	Kauai	20	Kauai HS performing arts center	2		0.83	14	1,402	Beyond
124	Central	Aiea	10.3	Flexible project-based STEAM classrooms - Webling EI	2		0.83	3	1,405	Beyond
125	Honolulu	Kaiser	4	Kaiser HS STEAM classroom addition	2		0.84	10	1,415	Beyond
126	Central	Aiea	4	Aiea HS special education enhancements	2		0.84	2	1,417	Beyond
127	Windward	Kailua	4	Kailua HS Visual and Performing Arts Center	2	*	0.85	36	1,453	Beyond
128	Leeward	Waianae	15	Wai'anae Int athletic community complex	2		0.85	32	1,485	Beyond
129	Windward	Kalaheo	18	Kalaheo HS band room renovation	2		0.85	2	1,487	Beyond
130	Hawaii NW	Konawaena	6	Konawaena HS auto mechanic renovations (CTE-various)	2		0.86	3	1,490	Beyond
131	Central	Moanalua	4	Moanalua HS Career Technical Education renovations/additions	2		0.86	3	1,493	Beyond
132	Central	Aiea	6	Aiea Int special education and flexible STEAM spaces	2		0.86	2	1,495	Beyond
133	Maui	Kekaulike	6	Kalama Int new building for language immersion program	2		0.88	13	1,508	Beyond
134	Maui	Districtwide	CTE	Maui/Baldwin/Kekaulike shared CTE center (confirm size/capacity)	2		0.88	52	1,560	Beyond
135	Leeward	Pearl City	5	Pearl City HS cultural center	2		0.88	6	1,566	Beyond
136	Central	Mililani	4	Mililani MS special education enhancements	2		0.90	2	1,568	Beyond
137	Maui	Kekaulike	3	Kekaulike HS new building for language immersion program	2		0.90	20	1,588	Beyond
138	Honolulu	McKinley	13.4	Lanakila ES special ed renovation	3		0.65	2	1,590	Beyond
139	Honolulu	McKinley	13.2	Royal ES special ed renovation	3		0.66	2	1,591	Beyond
140	Honolulu	McKinley	13.1	Kaahumanu ES special ed renovation	3		0.67	2	1,593	Beyond

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
141	Hawaii NW	Kohala	2	Kohala ES Two-story addition	3		0.67	19	1,612	Beyond
142	Leeward	Campbell	8.4	Pohakea EI STEAM renovation	3		0.68	1	1,613	Beyond
143	Leeward	Pearl City	9.2	Lehua ES - new admin building and repurpose existing admin for STEAM/maker space	3	*	0.70	12	1,625	Beyond
144	Molokai	Molokai	17	Teacher housing renovations/enhancements	3		0.71	1	1,626	Beyond
145	Hawaii NW	Honoka'a	4	Regional teacher housing	3		0.71	4	1,630	Beyond
146	Honolulu	McKinley	20	Furniture and technology refresh (all schools)	3		0.72	7	1,636	Beyond
147	Honolulu	Kalani	12.3	Liholiho ES hot water for SPED	3		0.72	2	1,638	Beyond
148	Maui	Lahainaluna	17	Teacher housing	3		0.73	4	1,642	Beyond
149	Leeward	Campbell	8.1	Ewa EI STEAM renovation	3		0.73	1	1,643	Beyond
150	Hawaii NW	Kealahou	8	Waikoloa ES & MS acquire land for athletic facilities, fields, and/or playgrounds	3		0.73	0	1,643	Beyond
151	Honolulu	Kaimuki	16.1	Ala Wai ES special ed renovations	3		0.74	2	1,645	Beyond
152	Leeward	Campbell	8.2	Ewa Beach EI STEAM renovation	3		0.75	1	1,646	Beyond
153	Honolulu	Kaimuki	16.2	Hokulani ES special ed renovations	3		0.75	2	1,648	Beyond
154	Honolulu	Farrington	22	Furniture and technology refresh (all schools)	3		0.75	10	1,658	Beyond
155	Leeward	Pearl City	9.3	Pearl City ES: 2 SPED and 2 STEAM renovations	3		0.76	2	1,660	Beyond
156	Leeward	Campbell	8.6	Kaimiloa EI STEAM renovation	3		0.76	1	1,661	Beyond
157	Leeward	Campbell	8.7	Keoneula EI STEAM renovation	3		0.78	1	1,662	Beyond
158	Honolulu	Roosevelt	19	Furniture and technology refresh (all schools)	3		0.79	9	1,671	Beyond
159	Honolulu	Kalani	16	Furniture and technology refresh (all schools)	3		0.79	7	1,678	Beyond
160	Leeward	Pearl City	9.1	Manana ES - STEAM renovations and new STEAM building	3		0.80	2	1,680	Beyond











Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
161	Honolulu	Farrington	4	Farrington HS special education program enhancements	3		0.80	2	1,681	Beyond
162	Leeward	Campbell	8.3	Iroquois Point EI STEAM renovation	3		0.81	1	1,683	Beyond
163	Honolulu	Kalani	12.1	Kahala ES special ed renovation	3		0.81	2	1,684	Beyond
164	Central	Mililani	28	Mililani HS softball bleachers	3		0.81	1	1,685	Beyond
165	Honolulu	Kaimuki	23	Furniture and technology refresh (all schools)	3		0.81	5	1,690	Beyond
166	Honolulu	Kaiser	12.2	Kamiloiki special ed renovation	3		0.81	2	1,692	Beyond
167	Honolulu	Kaiser	16	Furniture and technology refresh (all schools)	3		0.81	5	1,697	Beyond
168	Leeward	Waipahu	7	Waipahu HS integrated academy digital signage	3		0.82	1	1,698	Beyond
169	Maui	Baldwin	4	Baldwin HS renovate drama classroom	3		0.82	5	1,703	Beyond
170	Lanai	Lanai	6	Lana'i K-12 21st century classroom conversions	3		0.82	2	1,705	Beyond
171	Windward	Castle	4	Castle HS 21 st Century library	3		0.82	13	1,718	Beyond
172	Leeward	Campbell	8.5	Holomua EI STEAM renovation	3		0.82	3	1,721	Beyond
173	Hawaii SE	Hilo	4.2	Hilo HS football field improvements	3		0.82	25	1,746	Beyond
174	Kauai	Kapa'a	11.2	Kapa'a HS other athletic masterplan projects (track/field)	3		0.83	25	1,771	Beyond
175	Leeward	Waianae	3	Wai'anae HS CTE renovation	3		0.83	3	1,774	Beyond
176	Leeward	Waianae	7	Wai'anae HS athletic master plan projects track/fields/ training room	3		0.83	25	1,799	Beyond
177	Kauai	Kauai	2.1	Kauai HS renovations of Building S	3		0.83	1	1,801	Beyond
178	Honolulu	Farrington	15.1	Dole MS special ed renovation	3		0.84	2	1,802	Beyond
179	Honolulu	Kaimuki	6	Kaimuki HS revenue generation	3		0.84	10	1,812	Beyond
180	Central	Waialua	3	Waialua HS & Intermediate new 21st century classroom building	3		0.85	2	1,815	Beyond





















Capacity Group B: Crowded due to GE

Ranking criteria: local priority, capacity shortage minus SY1718 GE in, descending

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Leeward	Waipahu	2.2	Waipahu HS 10-classrooms and parking expansion (Phase 2)		1		-72	17	17	\$300M/yr
2	Maui	Baldwin	15	Iao Int convert old cafeteria into STEAM classroom		1		-50	2	19	\$300M/yr
3	Maui	Maui	1A	Construct new Middle School on site TBD		1		-50	131	150	Beyond
4	Hawaii SE	Waiakea	1B.1	Waiakea new elementary school		1		-11	90	239	Beyond
5	Hawaii NW	Kealakehe	1A	Kealakehe HS Classroom addition, informed by 1D (STEAM, teacher PLC)		2		-109	10	250	Beyond
6	Maui	Lahainaluna	2	Lahainaluna HS phased reconstruction		3		112	104	353	Beyond
7	Central	Moanalua	12	Salt Lake ES construct new, multi-level classroom building		4		-12	14	367	Beyond
8	Honolulu	Kalani	4	Kalani HS classroom addition		4		245	17	384	Beyond
9	Central	Moanalua	3	Moanalua HS new classroom building		4		403	21	404	Beyond
10	Windward	Kalaheo	6	Aikahi ES 21 st Century building additions		5		151	8	413	Beyond





















Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
181	Honolulu	McKinley	13.3	Kaiulani ES special ed renovation	 3		0.87	2	1,816	Beyond
182	Honolulu	Farrington	15.4	Puuhale ES special ed renovation	 3		0.88	2	1,818	Beyond
183	Honolulu	Kaiser	12.1	Hahaione ES special ed renovation	 3		0.88	2	1,819	Beyond
184	Leeward	Kapolei	16	Kapolei HS athletic projects - track, bleachers, fields	 3		0.89	25	1,844	Beyond
185	Honolulu	Roosevelt	13.2	Pauoa ES special ed renovation	 3		0.89	2	1,846	Beyond
186	Hawaii SE	Keaau	3	Keaau HS new synthetic field	 3		0.90	25	1,871	Beyond
187	Hawaii NW	Kealakehe	5	Kealakehe HS special education classroom renovations	 3		0.92	2	1,873	Beyond
188	Hawaii SE	Hilo	8	Keaukaha ES replace building A with a STEAM classroom building	 4		0.60	10	1,883	Beyond
189	Windward	Kahuku	12	Laie ES new classroom / admin buildings	 4		0.64	16	1,899	Beyond
190	Molokai	Molokai	11	Kilohana ES renovations for Special Education & Pre-K programs	 4		0.69	2	1,901	Beyond
191	Leeward	Nanakuli	9.1	Nanakuli ES STEAM renovation	 4		0.69	2	1,902	Beyond
192	Kauai	Kauai	19	Wilcox ES space for staff/student collaboration	 4		0.72	2	1,904	Beyond
193	Hawaii NW	Kohala	3	Kohala MS new STEAM building	 4		0.76	10	1,914	Beyond
194	Maui	Maui	4	Maui HS athletic master plan projects	 4		0.76	25	1,939	Beyond
195	Maui	Kekaulike	13.1	Pukalani ES new multipurpose classroom addition	 4		0.76	17	1,955	Beyond
196	Leeward	Nanakuli	9.2	Nanaikapono ES STEAM renovation	 4		0.76	2	1,957	Beyond
197	Hawaii SE	Kau	2	Ka'u HS new STEAM classroom building	 4		0.77	10	1,967	Beyond
198	Hawaii SE	Kau	3.2	Ka'u HS athletic master plan other projects	 4		0.77	25	1,992	Beyond
199	Central	Radford	2.1	Radford HS athletic upgrades	 4		0.78	25	2,017	Beyond
200	Molokai	Molokai	7	Molokai MS new collaborative learning additions	 4		0.79	10	2,027	Beyond

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
201	Hawaii SE	Hilo	11.2	Kalanianaʻole K-8 buildings A & B STEAM renovations		4		0.80	2	2,029	Beyond
202	Maui	Lahainaluna	16.4	Outdoor learning improvements		4		0.81	1	2,030	Beyond
203	Windward	Kahuku	6	Kahuku HS/Int health career improvements		4		0.81	3	2,033	Beyond
204	Windward	Kahuku	5	Kahuku HS/Int music improvements		4		0.81	10	2,043	Beyond
205	Central	Mililani	24	Mililani HS new gym		4		0.81	31	2,073	Beyond
206	Windward	Kalaheo	3	Kailua Int 21 st Century building additions		4		0.82	8	2,082	Beyond
207	Windward	Castle	18.2	ʻĀhuimanu ES STEAM/maker space		4		0.82	2	2,083	Beyond
208	Kauai	Waimea	1	Waimea HS culinary teaching kitchen and STEAM classroom in place of Building C		4		0.83	5	2,088	Beyond
209	Kauai	Kapaʻa	12	Kapaʻa HS Swimming Pool		4		0.83	43	2,131	Beyond
210	Leeward	Waianae	16	Waiʻanae HS athletic natatorium / pool		4		0.83	36	2,167	Beyond
211	Kauai	Kauai	4	Kauai HS lounge space in building K repurposed for STEAM		4		0.83	2	2,169	Beyond
212	Kauai	Kauai	17.3	Kauai HS athletic courts/fields		4		0.83	25	2,194	Beyond
213	Windward	Kailua	10	Renovate or construct classrooms for STEAM (various schools)		4		0.83	10	2,203	Beyond
214	Central	Aiea	16	Aiea HS outdoor project-based learning venue		4		0.84	9	2,212	Beyond
215	Central	Leilehua	5	Wheeler MS/Wheeler ES new music facilities		4		0.85	10	2,222	Beyond
216	Central	Waialua	5	Waialua HS & Intermediate special education enhancements		4		0.85	2	2,223	Beyond
217	Hawaii NW	Konawaena	5	Konawaena HS visual and performing arts renovations		4		0.86	6	2,229	Beyond
218	Honolulu	McKinley	18.3	Kaiulani ES construct new admin bldg., repurpose admin into STEAM/maker space		4		0.87	12	2,241	Beyond
219	Windward	Castle	8	King Int 21 st Century building additions		4		0.88	8	2,249	Beyond
220	Hawaii SE	Waiakea	2	Waiakea HS Athletic Master Plan projects		4		0.89	25	2,274	Beyond

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
221	Leeward	Nanakuli	6	Nanakuli HS career technical education (CTE) renovation		4		0.89	3	2,277	Beyond
222	Leeward	Nanakuli	3.1	Nanakuli HS baseball field renovation		4		0.89	5	2,282	Beyond
223	Hawaii SE	Keaau	6.2	Keaau HS aquaponics facility		4		0.90	12	2,294	Beyond
224	Maui	Kekaulike	4	Kekaulike HS athletic master plan projects		4		0.90	25	2,319	Beyond
225	Windward	Castle	15	Renovate or construct classrooms for STEAM (various schools)		4		0.90	10	2,329	Beyond
226	Hawaii NW	Kealakehe	4.1	Kealakehe HS new STEAM building		4		0.92	17	2,346	Beyond
227	Hawaii NW	Kealakehe	13	Kealakehe HS athletic master plan projects		4		0.92	25	2,371	Beyond
228	Hawaii NW	Kealakehe	4.2	Kealakehe HS new gym building		4		0.92	37	2,408	Beyond
229	Molokai	Molokai	10.2	Maunaloa ES classroom addition		5		0.54	4	2,412	Beyond
230	Hawaii NW	Honoka'a	11.2	Paaui K-9 Gym and Bleachers		5		0.60	37	2,449	Beyond
231	Kauai	Kapa'a	8	Hanalei ES renovations		5		0.64	4	2,453	Beyond
232	Hawaii SE	Hilo	16.2	Kapiolani ES STEAM renovation		5		0.64	2	2,455	Beyond
233	Hawaii NW	Konawaena	16	Milolii distance learning satellite facility		5		0.70	1	2,456	Beyond
234	Windward	Kalaheo	8	Kainalu ES 21 st Century building additions		5		0.72	3	2,458	Beyond
235	Windward	Kailua	12	Enchanted Lake ES STEAM and professional learning center		5		0.76	12	2,470	Beyond
236	Hawaii SE	Kau	4	Ka'u HS or Na'alehu ES dormitory		5		0.77	4	2,474	Beyond
237	Maui	Hana	6	Hana K12 acquire land makai of campus		5		0.78	0	2,474	Beyond
238	Central	Leilehua	19	Leilehua HS athletic storage		5		0.78	1	2,475	Beyond
239	Hawaii NW	Honoka'a	11.1	Waimea MS Gym and Bleachers		5		0.80	37	2,512	Beyond
240	Molokai	Molokai	6	Molokai HS/MS acquire adjacent land for agriculture program		5		0.80	0	2,512	Beyond

Instruction and Support Group A: Instruction

Ranking criteria: local priority, facility instructional adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
241	Hawaii SE	Pahoa	8	Build a HS performing arts center	<input type="radio"/> 5		0.81	43	2,555	Beyond
242	Central	Mililani	4	Mililani HS special education enhancements	<input type="radio"/> 5		0.81	2	2,557	Beyond
243	Lanai	Lanai	8	Lana'i K-12 visitor center	<input type="radio"/> 5		0.82	4	2,561	Beyond
244	Lanai	Lanai	9	Lana'i K-12 teacher housing	<input type="radio"/> 5		0.82	4	2,565	Beyond
245	Hawaii SE	Hilo	4.1	Hilo HS athletic master plan projects	<input type="radio"/> 5		0.82	25	2,590	Beyond
246	Kauai	Kauai	3	Kauai HS move music program from Bldg to M	<input type="radio"/> 5		0.83	1	2,592	Beyond
247	Hawaii NW	Konawaena	7	Konawaena HS land purchase and facilities for agriculture program	<input type="radio"/> 5		0.86	0	2,592	Beyond
248	Hawaii NW	Kealahou	7	Kealahou Int new STEAM building	<input type="radio"/> 5		0.88	10	2,602	Beyond
249	Windward	Castle	9	King Int outdoor learning space	<input type="radio"/> 5		0.88	1	2,603	Beyond
250	Windward	Kalaheo	12	Kailua ES build an outdoor stage & amphitheater	<input type="radio"/> 5		0.88	1	2,604	Beyond
251	Kauai	Waimea	10	Waimea Canyon MS convert existing building to black box theater	<input type="radio"/> 5		0.88	1	2,605	Beyond
252	Leeward	Nanakuli	3.3	Nanakuli HS pool and locker rooms	<input type="radio"/> 5		0.89	5	2,610	Beyond
253	Hawaii SE	Keaau	6.1	Keaau HS performing arts center	<input type="radio"/> 5		0.90	43	2,653	Beyond
254	Kauai	Kapa'a	7	Kapa'a MS classroom renovations	<input type="radio"/> 5		0.90	17	2,670	Beyond
255	Maui	Kekaulike	5	Kekaulike HS music and band expansion	<input type="radio"/> 5		0.90	12	2,682	Beyond

Instruction and Support Group B: Support

Ranking criteria: local priority, facility support adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Hawaii SE	Pahoa	5	Pahoa ES new cafeteria	●	1		0.24	12	12	\$300M/yr
2	Hawaii SE	Hilo	9	Haaheo ES multi-purpose center	●	1	*	0.33	14	26	\$300M/yr
3	Maui	Maui	17	Kihei ES administration building	●	1		0.39	11	37	\$300M/yr
4	Central	Leilehua	9.1	Helemano ES cafeteria addition (planned)	●	1	*	0.43	10	47	\$300M/yr
5	Kauai	Kauai	15.2	Koloa ES parking expansion	●	1		0.48	2	49	\$300M/yr
6	Maui	Kekaulike	7.2	Kula ES new cafeteria	●	1		0.51	12	60	\$300M/yr
7	Central	Radford	12.3	Hickam ES expand cafeteria and multi-purpose room for assembly and community use.	●	1		0.54	10	70	\$300M/yr
8	Hawaii SE	Waiakea	6	Waiakea Waena ES cafeteria addition	●	1		0.56	12	82	\$300M/yr
9	Leeward	Pearl City	8.7	Pearl City Highlands ES: existing plan to construct new library/media center and repurpose current library for admin offices	●	1	*	0.56	15	97	\$300M/yr
10	Central	Moanalua	10.3	Salt Lake ES renovate kitchen into a cooking kitchen.	●	1		0.57	3	100	\$300M/yr
11	Maui	Lahainaluna	9	Nahienaena ES new multipurpose Library/STEAM building/Admin	●	1		0.58	22	122	\$300M/yr
12	Honolulu	Kaiser	15	Aina Hiana ES cafeteria addition	●	1		0.58	10	131	\$300M/yr
13	Central	Radford	13.3	Pearl Harbor ES expand teacher parking on north side of site with 30-40 stalls.	●	1		0.59	10	141	\$300M/yr
14	Central	Aiea	11.2	Pearl Ridge ES - expand cafeteria and replace # portables w new flexible classroom building OR replace # portables with new cafeteria and convert cafeteria into flexible classroom space.	●	1		0.60	20	161	\$300M/yr
15	Hawaii NW	Konawaena	1B.4	Phase 4: Renovate old Ehunui portables for admin	●	1		0.61	2	164	\$300M/yr
16	Central	Leilehua	9.3	Iliahi ES admin expansion	●	1		0.62	9	173	\$300M/yr
17	Kauai	Kapa'a	14	Kapa'a ES complete stalled library project	●	1		0.62	5	177	\$300M/yr
18	Central	Leilehua	9.5	Kaala ES replace portables w new library with flexible space and repurpose current library for admin	●	1		0.64	15	192	\$300M/yr
19	Hawaii SE	Keaau	9.1	Keaau MS administration/PLC/STEAM community use facility	●	1		0.64	22	214	\$300M/yr
20	Hawaii SE	Keaau	9.2	Keaau MS parking lot expansion and drop off area	●	1		0.64	10	224	\$300M/yr

Instruction and Support Group B: Support

Ranking criteria: local priority, facility support adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier	
21	Maui	Baldwin	11.1	Waihee ES new administration building	●	1	0.65	11	236	\$300M/yr	
22	Maui	Baldwin	11.2	Waihee ES new cafeteria building	●	1	0.65	12	247	\$300M/yr	
23	Leeward	Pearl City	8.5	Palisades ES: Replace current admin and gym with new multi-level building in SW corner to include admin, STEAM classrooms	●	1	0.65	20	267	\$300M/yr	
24	Central	Radford	12.7	Nimitz ES construct new library and STEAM space and renovate current library into classrooms.	●	1	0.65	11	279	\$300M/yr	
25	Leeward	Waipahu	9.o	Kaleiopuu ES land acquisition for parking	●	1	0.65	3	282	\$300M/yr	
26	Central	Radford	12.2	Aliamanu ES replace portables, Buildings M1, M2, and old Admin with new parking lot and drop off.	●	1	0.66	5	287	\$300M/yr	
27	Leeward	Waipahu	9.n	Waipahu ES: expand parking lot by partnering with City to use adjacent gravel lot or acquire land	●	1	0.66	1	288	\$300M/yr	
28	Central	Radford	12.6	Mokulele ES construct professional learning center space.	●	1	0.67	8	296	\$300M/yr	
29	Leeward	Waianae	9	Building additions and renovations (elementary schools)	●	1	0.67	40	336	\$300M/yr	
30	Central	Leilehua	9.6	Wahiawa ES new administration and welcome center, repurpose existing admin as flex classrooms	●	1	0.71	9	345	\$300M/yr	
31	Leeward	Kapolei	12	Mauka Lani ES expanded parking lot structure	●	1	0.72	3	348	\$300M/yr	
32	Honolulu	Farrington	5	Farrington HS follow through with phase 2 of existing master plan	●	1	*	0.74	126	474	\$300M/yr
33	Kauai	Kauai	13.3	Wilcox ES expand parking	●	1	0.74	1	475	\$300M/yr	
34	Leeward	Waipahu	2.3	Waipahu HS parking structure	●	1	0.75	32	507	\$300M/yr	
35	Leeward	Waipahu	9.i	Waikele ES: library renovation	●	1	0.76	3	511	\$300M/yr	
36	Leeward	Campbell	14	Campbell HS parking structure 300 stalls	●	1	0.76	32	543	\$300M/yr	
37	Leeward	Pearl City	8.8	Waiau ES: replace portables with new cafeteria and raze existing cafeteria.	●	1	0.76	15	558	\$300M/yr	
38	Leeward	Pearl City	7	Pearl City HS adjacent land use or acquisition	●	1	0.83	0	558	\$300M/yr	
39	Kauai	Kauai	16.2	Koloa ES multimedia library building	◐	2	0.48	14	572	\$300M/yr	
40	Maui	Hana	2	Hana K12 admin/teacher PLC collaboration building	◐	2	0.49	11	583	\$300M/yr	

Instruction and Support Group B: Support

Ranking criteria: local priority, facility support adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
41	Maui	Kekaulike	10	Paia ES full-service cooking kitchen	2		0.54	4	587	\$300M/yr
42	Central	Moanalua	15	Moanalua complex-wide parking additions	2		0.66	1	588	\$300M/yr
43	Central	Waialua	6	Waialua ES new multipurpose cafeteria and administration center	2		0.67	20	608	\$300M/yr
44	Maui	Kekaulike	14	Pukalani ES new administration/PLC on 4-acre adjacent site	2		0.67	11	619	\$300M/yr
45	Windward	Castle	18.1	'Āhuimanu ES new cafeteria	2		0.71	10	629	\$300M/yr
46	Windward	Kahuku	13	Laie ES cafeteria	2		0.72	10	639	\$300M/yr
47	Maui	Lahainaluna	21	Lahainaluna HS admin building	2		0.73	11	650	\$300M/yr
48	Leeward	Kapolei	15	Kapolei complex cafeteria expansions	2		0.74	10	660	\$300M/yr
49	Leeward	Campbell	5	Ilima Int replace administration and library with new, joint facility	2		0.75	12	671	\$300M/yr
50	Leeward	Waipahu	4	Waipahu HS new cafeteria	2		0.75	22	693	\$300M/yr
51	Kauai	Kauai	9	Kaumuali'i ES new playground	2		0.83	1	694	\$300M/yr
52	Windward	Kalaheo	14	Ka'ohao ES PCS build permanent administration space	3		0.31	2	696	\$300M/yr
53	Honolulu	Farrington	17.5	Linapuni ES replace playground for PK-2 and repave playcourts	3		0.45	2	698	\$300M/yr
54	Lanai	Lanai	4	Lana'i K-12 new welcome/administration/professional development center	3		0.48	11	710	\$300M/yr
55	Molokai	Molokai	12	Kilohana ES new administration building	3		0.50	11	721	\$300M/yr
56	Maui	Maui	6	Lokelani Int / Kihei ES new shared multipurpose space	3		0.52	29	750	\$300M/yr
57	Maui	Lahainaluna	6	Lahaina Int. new multipurpose Library/STEAM/Administration space building	3		0.56	22	772	\$300M/yr
58	Honolulu	McKinley	19	Kaahumanu ES multipurpose cafeteria expansion	3		0.58	10	781	\$300M/yr
59	Honolulu	McKinley	15.1	Kaahumanu ES replace playground	3		0.58	1	782	\$300M/yr
60	Honolulu	Roosevelt	15.2	Noelani ES replace playground	3		0.60	1	783	\$300M/yr





















Instruction and Support Group B: Support

Ranking criteria: local priority, facility support adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
61	Honolulu	McKinley	15.3	Kauluwela ES new playground behind Bldg D	3		0.62	1	784	\$300M/yr
62	Windward	Kailua	11	Parking expansion and drop-off (various schools)	3		0.65	10	794	\$300M/yr
63	Honolulu	Kaimuki	18.1	Hokulani ES replace playground	3		0.65	1	795	\$300M/yr
64	Honolulu	Farrington	17.2	Kalihi Kai ES level field, replace playground	3		0.66	1	796	\$300M/yr
65	Honolulu	Farrington	17.1	Kalihi ES level field, replace playground	3		0.66	1	797	\$300M/yr
66	Honolulu	Roosevelt	15.3	Pauoa ES replace playground	3		0.68	1	798	\$300M/yr
67	Honolulu	Kaimuki	18.2	Kuhio ES re-landscape playfield.	3		0.69	1	799	\$300M/yr
68	Honolulu	Farrington	17.4	Kalihi Uka ES replace playground as part of parking expansion	3		0.70	1	800	\$300M/yr
69	Honolulu	Kaimuki	18.3	Palolo ES replace 3rd-5th grade playground	3		0.71	1	801	\$300M/yr
70	Honolulu	McKinley	15.4	Lanakila ES correct erosion/setting and replace playground	3		0.71	1	802	\$300M/yr
71	Honolulu	Kaiser	13.1	Hahaione ES replace playground equipment	3		0.73	1	803	\$300M/yr
72	Honolulu	Kaiser	13.2	Kamiloiki ES replace playground equipment	3		0.73	1	804	\$300M/yr
73	Leeward	Kapolei	7	Kapolei HS central storage facility and loading docks	3		0.74	3	807	\$300M/yr
74	Central	Leilehua	17	Leilehua HS cafeteria expansion	3		0.75	15	823	\$300M/yr
75	Honolulu	Districtwide	2B	District-wide administration complex	3		0.78	9	832	\$300M/yr
76	Honolulu	Farrington	17.3	Puuhale level field, replace playground	3		0.79	1	833	\$300M/yr
77	Molokai	Molokai	16	Molokai MS major renovation and expansion to the library to include technology and community use	4		0.23	3	837	\$300M/yr
78	Windward	Kalaheo	13	Ka'ohao ES PCS cafeteria addition	4		0.31	10	846	\$300M/yr
79	Hawaii SE	Hilo	10	Kaumana ES replace portables with new library, administration and STEAM classroom building.	4		0.35	13	860	\$300M/yr
80	Windward	Kailua	16	Kaelepulu ES administration building	4		0.41	9	869	\$300M/yr

Instruction and Support Group B: Support

Ranking criteria: local priority, facility support adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
81	Honolulu	Farrington	16.8	Linapuni ES add parking for 6 cars		4		0.45	0	869	\$300M/yr
82	Lanai	Lanai	3	Lana'i K-12 satellite nutrition centers		4		0.48	2	871	\$300M/yr
83	Lanai	Lanai	1A	Lanai K-12 campus expansion projects		4	*	0.48	64	935	\$300M/yr
84	Maui	Hana	11	Hana new cafeteria		4		0.49	12	946	\$300M/yr
85	Honolulu	McKinley	18.1	Kaahumanu ES expand/renovate admin offices		4		0.58	2	949	\$300M/yr
86	Honolulu	McKinley	14.1	Kaahumanu ES parking structure/subterranean, consider public-private revenue generation		4		0.58	32	981	\$300M/yr
87	Honolulu	Kalani	15.2	Waialae PCS cafeteria expansion		4		0.58	10	991	\$300M/yr
88	Honolulu	Kalani	15.3	Wilson ES cafeteria expansion		4		0.60	10	1,000	\$300M/yr
89	Honolulu	Roosevelt	18.2	Maemae ES administration renovation		4		0.61	3	1,003	\$300M/yr
90	Honolulu	Kalani	15.1	Liholiho ES cafeteria expansion		4		0.61	10	1,013	\$300M/yr
91	Honolulu	Kalani	13	Liholiho ES add parking for 6 cars		4		0.61	0	1,013	\$300M/yr
92	Honolulu	McKinley	18.2	Kauluwela ES expand/renovate admin offices		4		0.62	2	1,015	\$300M/yr
93	Honolulu	McKinley	14.3	Kauluwela ES pave gravel parking lot		4		0.62	0	1,016	\$300M/yr
94	Hawaii SE	Keaau	20.2	Relocate public libraries at Keaau MS		4		0.64	0	1,016	\$300M/yr
95	Honolulu	Kaimuki	17.1	Hokulani ES add parking into new exit lane		4		0.65	5	1,021	\$300M/yr
96	Hawaii SE	Keaau	20.1	Relocate public libraries at Mountain View ES		4		0.66	0	1,021	\$300M/yr
97	Honolulu	Farrington	21.3	Kalihi Kai EI cafeteria expansion		4		0.66	10	1,030	\$300M/yr
98	Honolulu	Farrington	16.5	Kalihi ES curb-cut to upper field for supplemental parking		4		0.66	0	1,030	\$300M/yr
99	Honolulu	Kaimuki	21	Lunalilo ES administration expansion		4		0.67	9	1,040	\$300M/yr
100	Central	Aiea	1B	Central District administration offices and STEAM education and professional development center at Aiea ES		4		0.68	12	1,051	\$300M/yr

Instruction and Support Group B: Support

Ranking criteria: local priority, facility support adequacy score

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
101	Honolulu	Roosevelt	18.1	Pauoa ES administration renovation		4		0.68	2	1,054	\$300M/yr
102	Honolulu	Farrington	16.7	Kapalama ES repave/regrade existing parking lots		4		0.68	1	1,055	\$300M/yr
103	Windward	Kalaheo	7	Kainalu ES parking lot expansion		4		0.69	1	1,055	\$300M/yr
104	Honolulu	Roosevelt	14	Lincoln ES add parking for 40 cars		4		0.69	1	1,056	\$300M/yr
105	Honolulu	Kaimuki	22	Kuhio cafeteria expansion		4		0.69	10	1,066	\$300M/yr
106	Honolulu	Kaimuki	17.3	Kuhio ES replace parking with permeable paving to reduce runoff/erosion. Dependent on status of Kuhio ES (Scenario 4B)		4		0.69	1	1,067	\$300M/yr
107	Honolulu	Farrington	21.2	Fern El cafeteria expansion		4		0.69	10	1,077	\$300M/yr
108	Honolulu	Farrington	16.2	Fern add parking for 10 cars		4		0.69	0	1,077	\$300M/yr
109	Honolulu	Farrington	21.1	Dole Middle cafeteria expansion		4		0.70	10	1,087	\$300M/yr
110	Honolulu	Farrington	7	Dole MS expand administrative space		4		0.70	8	1,095	\$300M/yr
111	Honolulu	Farrington	16.1	Dole MS add parking for 30 cars		4		0.70	1	1,096	\$300M/yr
112	Honolulu	Farrington	16.6	Kalihi Uka ES add parking for 10 cars and replace playground		4		0.70	0	1,096	\$300M/yr
113	Honolulu	McKinley	14.4	Lanakila ES expand parking		4		0.71	1	1,097	\$300M/yr
114	Honolulu	Farrington	16.3	Kaewai ES add parking for 6 cars		4		0.71	1	1,098	\$300M/yr
115	Windward	Kahuku	11	Laie ES parking expansion and drop-off		4		0.72	10	1,108	\$300M/yr
116	Central	Mililani	25	Mililani HS maintenance facilities		4		0.72	2	1,110	\$300M/yr
117	Maui	Lahainaluna	20	Lahainaluna high school dormitory remodel		4		0.73	4	1,114	\$300M/yr
118	Maui	Lahainaluna	14	Lahainaluna MS & HS shared paved lot		4		0.73	0	1,114	\$300M/yr
119	Honolulu	Farrington	16.4	Kalakaua MS add parking for 50 cars		4		0.75	2	1,116	\$300M/yr
120	Central	Leilehua	3	Leilehua HS new PLC		4		0.75	9	1,125	\$300M/yr

Capacity Group C: Portable Replacement

Ranking criteria: local priority, % of capacity in portables

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Hawaii NW	Konawaena	1B.3	Phase 3: Renovate Konawaena MS for new Ke Kula O Enhunuikaimalino	● 1		89%	21	21	\$300M/yr
2	Windward	Kahuku	9	Sunset Beach ES multi-story facility	● 1		71%	28	49	\$300M/yr
3	Hawaii NW	Kealakehe	10	Holualoa ES rebuild the school on site	● 1		70%	21	69	\$300M/yr
4	Hawaii SE	Pahoa	2B	Pahoa ES permanent buildings	● 1		54%	27	96	\$300M/yr
5	Leeward	Kapolei	11.1	Mauka Lani ES permanent classroom building	● 1		50%	21	117	\$300M/yr
6	Maui	Kekaulike	12	Makawao ES new multipurpose classroom addition	● 1		47%	20	137	\$300M/yr
7	Hawaii NW	Kealakehe	18	Kealakehe ES new 8-classroom building	● 1		44%	13	150	\$300M/yr
8	Maui	Maui	10	Rebuild Kahului ES on site	● 1		42%	36	186	\$600M/yr
9	Leeward	Pearl City	8.7	Waiiau ES: Replace portables with new multi-level 180 capacity classroom building on east side of courtyard	● 1		38%	22	209	\$600M/yr
10	Maui	Lahainaluna	7	Lahaina Int. new 8-classroom building	● 1	*	37%	13	222	\$600M/yr
11	Hawaii SE	Keaau	1B	Mountain View ES phased reconstruction and move boundary	● 1		36%	36	258	\$600M/yr
12	Central	Leilehua	9.2	Helemano ES new library, repurpose current library into classrooms	● 1	*	30%	11	269	\$600M/yr
13	Maui	Maui	12	Lihikai ES replace portable buildings with permanent classroom building to include library/maker-space.	● 1		29%	13	283	\$600M/yr
14	Hawaii SE	Kau	5	Na'alehu ES phased reconstruction	● 1		26%	26	309	\$600M/yr
15	Hawaii SE	Kau	1A.2	Ka'u 6-12 and Naalehu K-5 - short term renovation at Naalehu	● 1		26%	0	309	\$600M/yr
16	Maui	Baldwin	3	Baldwin HS phased reconstruction	● 1		26%	117	426	Beyond
17	Leeward	Waipahu	9.a	August Ahrens ES replace 15 portables with permanent classroom building; phase 1 and 2 of electrical upgrade	● 1	*	25%	21	447	Beyond
18	Leeward	Waipahu	9.m	Waipahu ES: replace P10-P15 with permanent STEAM/multi-purpose bldg	● 1		24%	10	457	Beyond
19	Hawaii SE	Pahoa	1B	Pahoa HS/Int permanent buildings	● 1		24%	68	525	Beyond
20	Central	Moanalua	10.1	Moanalua ES replace portables P1-P5 with new multi-level multi-media center and 12 classroom building including two flexible STEAM classrooms. Repurpose library for professional learning center	● 1		19%	7	532	Beyond

Instruction and Support Group B: Support

Ranking criteria: local priority, facility support adequacy score

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
121	Honolulu	McKinley	14.2	Kaiulani ES add parking for 12 cars	 4		0.75	0	1,126	\$300M/yr
122	Honolulu	Farrington	16.9	Puuhale ES add parking for 50 cars and restripe existing lot	 4		0.79	2	1,128	\$300M/yr
123	Honolulu	McKinley	14.5	Royal ES parking structure/subterranean, consider public-private revenue generation, shared with Central MS	 4		0.82	32	1,160	\$300M/yr
124	Central	Aiea	15	Aiea HS parking addition	 4		0.82	1	1,161	\$300M/yr
125	Honolulu	Kaimuki	17.2	Jefferson ES reconfigure parking lot with drop-off expansion	 4		0.84	10	1,171	\$300M/yr
126	Hawaii NW	Kealakehe	6	Kealakehe HS kitchen renovations	 4		0.86	5	1,176	\$300M/yr
127	Molokai	Molokai	8	Molokai MS separate entrance	 5		0.23	1	1,177	\$300M/yr
128	Hawaii NW	Honoka'a	7	Waimea ES acquire public library and multipurpose facility	 5		0.52	3	1,180	\$300M/yr
129	Windward	Castle	17	Kahalu'u administration addition	 5		0.57	9	1,190	\$300M/yr
130	Kauai	Waimea	8	Kekaha ES new administration facility	 5		0.61	11	1,201	\$300M/yr
131	Windward	Kalaheo	11	Kailua ES professional learning center addition	 5		0.67	9	1,210	\$300M/yr
132	Kauai	Kauai	5	Kauai HS building M repurposed for teacher/admin offices	 5		0.68	3	1,213	\$300M/yr
133	Central	Mililani	5	Mililani HS, Mililani MS professional learning center	 5		0.72	9	1,222	\$300M/yr
134	Honolulu	Farrington	20	Kalakaua MS and Linapuni ES administration expansion	 5		0.75	9	1,232	\$300M/yr
135	Honolulu	McKinley	4	McKinley HS new multipurpose cafeteria addition	 5		0.78	15	1,246	\$300M/yr
136	Hawaii NW	Konawaena	10	Kahakai ES administration and teacher collaboration space	 5		0.83	3	1,250	\$300M/yr

Instruction and Support Group C: Gender Equity

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Kauai	Kapa'a	11.3	Kapa'a HS softball field lights	●	1		1,055	1	1	\$300M/yr
2	Leeward	Campbell	12	Campbell HS girls athletic lockers	●	1		1,610	5	6	\$300M/yr
3	Central	Mililani	26	Mililani HS girls lockers	●	1		1,926	5	11	\$300M/yr
4	Honolulu	McKinley	10.2	Kaiulani ES restroom entrance reconfiguration	●	1		2,625	1	12	\$300M/yr
5	Kauai	Kauai	17.2	Kauai HS girls lockers	●	1		4,910	6	19	\$300M/yr
6	Central	Aiea	5	Aiea HS girls' lockers and gym renovation	●	1		5,505	5	24	\$300M/yr
7	Leeward	Waipahu	3	Waipahu HS athletic improvements	●	1		10,196	25	49	\$300M/yr
8	Windward	Castle	7	Castle HS athletic master plan projects	●	1		21,949	25	74	\$300M/yr
9	Maui	Baldwin	8	Baldwin HS athletic improvements	◐	2		16,779	25	99	\$300M/yr
10	Central	Moanalua	6	Moanalua HS girls' athletic lockers	◑	3		2,654	5	104	\$300M/yr

Instruction and Support Group D: Local Needs

Ranking criteria: local priority, facility support adequacy score

Rank	Region	All	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
	All	All		Locally-Determined Enhancements (all schools)				\$20k- \$300k ea	\$17M	\$300M/yr

R&M Group A/B: Prioritized Maintenance and Repairs and Electrical Infrastructure

Ranking criteria: local priority, condition index TBD

Rank	Region	All	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
	All	All		Prioritized R&M, Electrical Upgrades (various schools)					\$686M	\$300M/yr
									\$1.1B	\$600M/yr

R&M Group C: ADA Compliance

Ranking criteria: local priority, cost/student, construction triggers TBD

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Hawaii NW	Kohala	12	Prioritized accessibility improvements (all schools)	●	1		2,033	4	4	\$300M/yr
2	Central	Radford	14.1	Hickam ES ADA accessibility improvements	●	1		2,543	2	6	\$300M/yr
3	Central	Radford	14.2	Nimitz ES ADA accessibility improvements	●	1		2,918	2	8	\$300M/yr
4	Central	Moanalua	2.2	Moanalua HS ADA enhancements	●	1		3,984	8	16	\$300M/yr
5	Hawaii NW	Honoka'a	12	Prioritized accessibility improvements (all schools)	●	1		4,815	10	25	\$300M/yr
6	Central	Radford	4.1	Radford HS ADA upgrades	●	1		4,974	6	31	\$300M/yr
7	Windward	Kalaheo	10.2	Kailua ES ADA improvements	●	1		4,983	2	33	\$300M/yr
8	Central	Radford	14.3	Pearl Harbor Kai ES ADA accessibility improvements	●	1		5,091	2	35	\$300M/yr
9	Windward	Kahuku	17	Kahuku HS/Int ADA accessibility to portables	●	1		5,442	7	43	\$300M/yr
10	Central	Aiea	18	Aiea HS ADA accessibility upgrades	●	1		6,252	6	49	\$600M/yr
11	Leeward	Pearl City	6.2	Pearl City HS ADA improvements	●	1		6,361	10	58	\$600M/yr
12	Maui	Lahainaluna	16.1	ADA accessibility (all schools)	●	1		6,401	13	71	\$600M/yr
13	Hawaii NW	Konawaena	18	Prioritized accessibility improvements (all schools)	●	1		6,683	13	84	\$600M/yr
14	Windward	Kalaheo	17	Kalaheo HS ADA improvements	●	1		6,896	6	90	\$600M/yr
15	Windward	Castle	5.2	Castle HS ADA improvements	●	1		7,070	8	98	\$600M/yr
16	Hawaii NW	Kealahou	20	Prioritized accessibility improvements (all schools)	●	1		9,111	18	116	Beyond
17	Windward	Castle	12	ADA accessibility projects (various schools)	●	1		9,505	29	145	Beyond
18	Honolulu	Kalani	10.2	Liholiho elevator, restrooms	●	2		2,711	1	146	Beyond
19	Honolulu	Roosevelt	11.1	Noelani ES two elevators	●	2		2,853	1	148	Beyond
20	Honolulu	Kalani	10.1	Kahala ADA restrooms	●	2		3,584	2	149	Beyond

R&M Group C: ADA Compliance

Ranking criteria: local priority, cost/student, construction triggers TBD

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Honolulu	Kaimuki	14.1	Hokulani ES elevator to library	2		3,804	1	150	Beyond
22	Honolulu	McKinley	11.1	Kaahumanu ES ADA elevator, ADA restrooms	2		3,879	2	152	Beyond
23	Honolulu	McKinley	11.2	Kaiulani ES ADA elevator	2		4,493	2	154	Beyond
24	Honolulu	Kaiser	10	Kamiloiki ES two elevators for ADA	2		4,581	2	156	Beyond
25	Honolulu	McKinley	11.3	Royal ES Bldg A&B ADA elevators	2		4,679	2	158	Beyond
26	Honolulu	Roosevelt	11.2	Pauoa ES one elevator	2		5,484	2	159	Beyond
27	Honolulu	Kaimuki	14.2	Kuhio ES ramp to cafeteria, C Bldg restrooms, C&H elevators	2		5,668	1	161	Beyond
28	Windward	Kailua	7	Waimanalo ES/Int ADA accessibility projects	2		6,450	2	163	Beyond
29	Honolulu	Kaimuki	14.3	Palolo ES admin ramps, elevator, restrooms	2		7,033	2	165	Beyond
30	Honolulu	McKinley	15.2	Kaiulani ES add ADA sidewalk to playground	3		2,625	1	166	Beyond

R&M Group D: Replace buildings due to age and adequacy

Ranking criteria: local priority, % old/beyond exp life, condition index TBD

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Central	Radford	9	Aliamanu MS phased reconstruction	●	1		100%	42	42	\$300M/yr
2	Central	Radford	12.1	Aliamanu ES replace Buildings A and B with multi-story classroom building/administrative PLC.	●	1		81%	25	67	\$300M/yr
3	Leeward	Campbell	9.2	Iroquois Point ES – replace/reno buildings P12, P9	●	1		70%	2	70	\$300M/yr
4	Leeward	Campbell	9.1	Ewa Beach ES – replace/reno buildings A,C,D	●	1		60%	23	93	\$300M/yr
5	Honolulu	Farrington	8	Kalakaua MS replace buildings G & H	●	1		51%	7	100	\$300M/yr
6	Leeward	Pearl City	8.2	Momilani ES: Renovate admin	●	1		17%	2	102	\$300M/yr
7	Leeward	Pearl City	1B	Highland Int rebuilt on alternate site	●	1		92%	131	233	\$600M/yr
8	Hawaii SE	Waiakea	1B.2	Waiakea Int phased reconstruction	●	1		74%	58	291	\$600M/yr
9	Maui	Baldwin	9	Wailuku ES phased reconstruction	●	1		63%	45	336	\$600M/yr
10	Kauai	Kapa'a	4	Kapa'a HS & ES phased reconstruction	●	1		57%	84	420	\$600M/yr
11	Hawaii SE	Hilo	1A.1	Hilo HS phased reconstruction	●	1		50%	119	538	Beyond
12	Windward	Kahuku	8	Kahuku HS/Int phased reconstruction	●	1		31%	102	641	Beyond
13	Honolulu	Roosevelt	6.1	Kawananakoa MS raze/replace Bldg C with new band/music facility	●	1		30%	8	649	Beyond
14	Central	Mililani	11	Mililani Waena ES phased reconstruction	●	1		12%	31	680	Beyond
15	Hawaii SE	Hilo	11.1	Kalaniana'ole K-8 demolition/replace restrooms	◐	2		66%	1	681	Beyond
16	Kauai	Kauai	1	Kauai HS phased renovations and portable replacements	◑	3		28%	50	730	Beyond
17	Hawaii NW	Kohala	8	Kohala HS phased reconstruction	○	5		90%	39	770	Beyond
18	Honolulu	Roosevelt	17.2	Nuuanu ES phased reconstruction	○	5		81%	15	701	Beyond

Capacity Group C: Portable Replacement

Ranking criteria: local priority, % of capacity in portables

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Leeward	Waipahu	9.c	Kaleiopuu ES: 8-classroom building	●	1	19%	13	545	Beyond
22	Central	Mililani	8.1	Kipapa ES replace Bldg A & portables w/ multi-level classrooms	●	1	18%	17	562	Beyond
23	Leeward	Kapolei	11.2	Kapolei ES permanent classroom building	●	1	17%	42	604	Beyond
24	Central	Aiea	11.3	Waimalu ES – replace # portables with multi-level capacity for 150	●	1	17%	10	614	Beyond
25	Central	Mililani	8.2	Mililani Ike ES replace existing portables with permanent space.	●	1	15%	14	628	Beyond
26	Central	Mililani	8.3	Mililani Uka ES replace north portables with 3-story classroom building w/ fire lane along Building C, and replace south portables & buildings G, H, J w/ new kitchen/cafeteria, parking, & covered space.	●	1	13%	12	640	Beyond
27	Hawaii SE	Keaau	12	Keaau MS replace portables with permanent classroom building	◐	2	13%	13	653	Beyond
28	Maui	Maui	18	Maui Waena Int replace portable buildings with permanent classroom buildings	◐	2	11%	13	667	Beyond
29	Kauai	Kauai	16.1	Koloa ES new classroom building portable replacement	◑	3	40%	13	680	Beyond
30	Kauai	Kauai	14	Wilcox ES new classroom building	◑	3	13%	13	693	Beyond
31	Windward	Kailua	6.2	Olomana HS/Int permanent facilities	◒	4	76%	18	710	Beyond
32	Leeward	Nanakuli	10.2	Nanakuli ES replace portables with permanent buildings	○	5	18%	14	724	Beyond

Capacity Group D: Operational Strategy

Ranking criteria: local priority, strategy logic, cost

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Windward	Kalaheo	1D	Kailua, Kalaheo and Castle integrated program feasibility study	●	1		1 near term	0	0	\$300M/yr
2	Hawaii NW	Honoka'a	1G	Honokaa complex - engage community to inform grade reconfiguration.	●	1		1 near term	0	1	\$300M/yr
3	Kauai	Kapa'a	1A	Hanalei and Kilauea serve K-5 instead of K-6 (w community engagement)	●	1		1 near term	0	1	\$300M/yr
4	Molokai	Molokai	1E	Molokai complex focused stakeholder engagements to determine grade configurations and school portfolio	●	1		1 near term	0	1	\$300M/yr
5	Windward	Kahuku	1E	Kahuku complex - engage community to decide on grade configuration	●	1		1 near term	0	1	\$300M/yr
6	Statewide	Statewide	2	Act 155 revenue generation program	●	1		1 near term	10	11	\$300M/yr
7	Honolulu	McKinley	24	Pohukaina ES new vertical elementary school	●	1	*	1 near term	48	59	\$300M/yr
8	Windward	Kailua	2B.1	Phase 1: Ka'elepulu reconstruction for consolidated Ka'elepulu/Keolu	●	1		1 near term	10	69	\$300M/yr
9	Leeward	Waianae	1A	Wai'anae Pre-K-5 and 6-8	●	1		1 near term	28	97	\$300M/yr
10	Honolulu	Kaimuki	3B	Palolo/Jarrett PK-8	●	1		1 near term	39	136	\$300M/yr
11	Hawaii NW	Konawaena	1B.1	Phase 1: Reconstruct Hookena for Hookena/Honaunau consolidation	●	1		1 near term	42	178	\$600M/yr
12	Hawaii SE	Hilo	1A.2	Hilo Int phased reconstruction	●	1		1 near term	60	238	\$600M/yr
13	Hawaii SE	Hilo	2A	Hilo IS becomes 6-8	●	1		1 near term	0	238	\$600M/yr
14	Hawaii NW	Konawaena	1B.2	Phase 2: Construct new Konawaena MS at Honauanu	●	1		2 mid term	90	328	\$600M/yr
15	Honolulu	Kaimuki	4B	Aliiolani reconstruction; elementary school consolidation	●	1		2 mid term	96	424	Beyond
16	Windward	Kailua	2B.2	Phase 2: Reconstruct Keolu site for administration/PD center	●	1		2 mid term	25	449	Beyond
17	Honolulu	Farrington	3B	Kalihi Kai ES - Farrington complex ES school reconstruction and consolidation	●	1		2 mid term	93	543	Beyond
18	Maui	Maui	2A.1	Phase 1: rebuild MCSA site for new admin/community education center, and relocate staff from Puunene	●	1		2 mid term	62	605	Beyond
19	Maui	Maui	2A.2	Phase 2: pursue A&B land adjacent to Puunene	●	1		2 mid term	1	606	Beyond
20	Leeward	Campbell	2B	Campbell Elementary boundary change	🕒	4		3 long term	0	606	Beyond

Capacity Group D: Operational Strategy

Ranking criteria: local priority, strategy logic, cost

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Hawaii NW	Districtwide	1	Honokaa/Kealahou HS relief school study	● 1		3 long term	0	607	Beyond
22	Leeward	Kapolei	2B	Kapolei Elementary boundary change	🕒 4		3 long term	0	607	Beyond
23	Central	Radford	1B	Change elementary attendance boundaries	● 1		3 long term	0	607	Beyond
24	Maui	Maui	2A.3	Phase 3: Construct new Elementary School at Puunene	● 1		3 long term	72	679	Beyond

Health and Safety Group B: Security

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title		Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
1	Leeward	Waipahu	9.h	Waikele ES: Install security lighting	●	1		842	1	1	\$300M/yr
2	Leeward	Waipahu	9.k	Waipahu ES: Install security lighting	●	1		1,010	1	2	\$300M/yr
3	Hawaii NW	Kealakehe	17	Kealakehe Int and ES perimeter fence	◐	2		1,337	1	3	\$300M/yr
4	Honolulu	Farrington	13.1	Dole MS security cameras, lighting, fences, alarm system	●	1		1,603	1	4	\$300M/yr
5	Honolulu	Farrington	13.5	Kapalama ES lighting, cameras, demolish custodial cottage	●	1		1,645	1	5	\$300M/yr
6	Honolulu	Farrington	13.4	Kalihi Kai ES lockdown door hardware	●	1		1,742	1	6	\$300M/yr
7	Honolulu	Kaiser	9.1	Hahaione ES security fencing	●	1		1,938	1	7	\$300M/yr
8	Honolulu	Kalani	9	Liholiho ES security fencing off of 9th Ave	●	1		1,949	1	8	\$300M/yr
9	Honolulu	Farrington	13.2	Fern ES motion sensor lighting	●	1		2,421	1	9	\$300M/yr
10	Honolulu	Kaiser	9.2	Kamiloiki ES security fencing	●	1		2,604	1	10	\$300M/yr
11	Honolulu	Kaimuki	13.1	Ala Wai ES secure outdoor sink	●	1		2,611	1	11	\$300M/yr
12	Honolulu	McKinley	10.1	Royal ES fencing	●	1		2,710	1	12	\$300M/yr
13	Honolulu	Roosevelt	10.1	Lincoln ES fencing/gate; floodlighting	●	1		2,732	1	13	\$300M/yr
14	Windward	Kalaheo	10.1	Kailua ES safety, security improvements	●	1		2,841	1	14	\$300M/yr
15	Honolulu	Kaimuki	13.2	Hokulani ES cameras, lighting	●	1		3,125	1	15	\$300M/yr
16	Honolulu	Roosevelt	10.2	Pauoa ES fencing	●	1		3,175	1	16	\$300M/yr
17	Windward	Kailua	13	Maunawili ES security fencing	◐	3		3,333	1	17	\$300M/yr
18	Honolulu	Kaimuki	13.4	Palolo ES retaining wall/fence	●	1		3,344	1	18	\$300M/yr
19	Honolulu	Kaimuki	13.3	Kuhio ES site lighting	●	1		4,310	1	19	\$300M/yr
20	Honolulu	Farrington	13.3	Kalihi ES fencing	●	1		4,329	1	20	\$300M/yr

Health and Safety Group B: Security

Ranking criteria: local priority, cost/student

Rank	Region	Complex	Ref	Option Title	Local Priority 1-5	Ongoing Project	Rank Value	Cost Estimate (2019 \$M)	Cumulative	10-Year Funding Tier
21	Honolulu	Farrington	13.6	Linapuni ES lighting, fencing	● 1		5,236	1	21	\$300M/yr
22	Windward	Kailua	6.1	Olomana HS/Int urgent communications systems	● 1		6,849	1	21	\$300M/yr



APPENDIX B

Options Report Guide

Introduction: Hawaii DOE Facility Master Plan

The Hawaii DOE Facility Master Plan (FMP) is a participatory and data-driven process that allows priorities to be determined by regional district and local school stakeholders.

The **Facility Options Development Report** has served as a planning tool to communicate key data, vision, and stakeholder voice throughout the process. The report also documents the evolution of operational and capital options and rationale for local prioritization and final FMP recommendations for those who were not directly involved in the planning process.

The following pages show the third of four versions of the report:




1. Version 1: Draft Scenarios and Options created by each region's Executive Planning Committee (EPC)
2. Version 2: Draft Scenarios and Options vetted by each region's Stakeholder Advisory Committee (SAC)
3. **Version 3: Prioritized Scenarios and Options determined by each region's EPC (this document)**
4. Version 4: FMP recommendations (forthcoming)

There is a distinct report for each high school feeder complex, assembled by District/planning area:

1. Hawaii Northwest (Honokaa, Kealahou, Kohala, Konawaena)
2. Hawaii Southeast (Hilo, Waiakea, Kau, Keaau, Pahoa)
3. Kauai (Kapaa, Kauai, Waimea)
4. Maui (Baldwin, Kekaulike, Maui, Hana, Lahainaluna, Lanai, Molokai)
5. Windward (Castle, Kahuku, Kailua, Kalaheo)
6. Leeward (Campbell, Kapolei, Nanakuli, Waianae, Pearl City, Waipahu)
7. Central (Aiea, Moanalua, Radford, Leilehua, Mililani, Waialua)
8. Honolulu (Farrington, Kaiser, Kalani, Admin, Kaimuki, McKinley, Roosevelt)

District Prioritization Summary Matrix

District-wide Options/Scenarios are listed in dark green row.

District-wide Options (Priority 1): Option PAC: Community-based performing arts center (\$\$\$\$) Option PED: District-wide initiative to address pedestrian safety (e.g., Chiefess Kaumualii ES) (\$) Option HA: District-wide implement heat abatement program (\$\$\$\$)			
	 Kapaa	 Kauai	 Waimea
Priority 1	<ul style="list-style-type: none"> Scenario 1A: Hanalei ES and Kilauea ES serve K-5 instead of K-6 (with community engagement) (\$) Option 4: Kapaa HS and ES phased reconstruction (\$\$\$\$) Option 9: Prioritized repairs and maintenance (all schools) (\$\$) Option 10: Locally-determined enhancements (all schools) (\$) Option 11.1: Kapaa HS new gym (\$\$\$) Option 11.3: Kapaa HS softball field lights (\$) Option 14: Kapaa ES complete stalled library project (\$\$\$) Option 15: Prioritized furniture/equipment refresh (\$\$) 	<ul style="list-style-type: none"> Option 2.2: Kauai HS renovations of Building O (\$\$\$) Option 8: Kaumualii ES new site entrance/exit (\$\$) Option 10: Kaumualii ES whole school renovations (\$\$) Option 11: Prioritized repairs and maintenance (all schools) (\$\$) Option 12: Locally-determined enhancements (all schools) (\$) Option 13: Wilcox ES site improvements (\$\$) Option 15: Koloa ES site improvements (\$\$) Option 17.1: Kauai HS new gym (\$\$\$) Option 17.2: Kauai HS girl's lockers (\$\$\$) Option 18: Prioritized furniture/equipment refresh (\$\$) 	<ul style="list-style-type: none"> Option 3: Waimea HS new gym (\$\$\$) Option 5: Eleele ES new two-story, 12-classroom building (\$\$\$) Option 11: Waimea Canyon MS build covered play court (\$\$) Option 12: Waimea Canyon renovate library into maker space (\$) Option 13: Prioritized repairs and maintenance (all schools) (\$) Option 14: Locally-determined enhancements (all schools) (\$) Option 15: Waimea Canyon MS construct/convert science classrooms, and convert former ES rooms to MS standards (\$\$) Option 16: Prioritized furniture/equipment refresh (\$\$) Option 17: Waimea HS or MS performing arts center (\$\$\$)
Priority 2	<ul style="list-style-type: none"> Option 3: Kilauea ES site improvements (covered play court, student dropoff) (\$\$) Option 13: Kapaa HS performing arts center (\$\$\$) 	<ul style="list-style-type: none"> Option 6.1: Kauai HS new two-story classroom building (\$\$\$) Option 6.2: Kauai HS new covered multi-purpose space (\$\$\$) Option 9: Kaumualii ES new playground (\$) Option 16.2: Koloa ES multi-media library building (\$\$\$) Option 20: Kauai HS performing arts center (\$\$\$) 	<ul style="list-style-type: none"> Option 4: Waimea HS CTE renovations and enhancements (\$\$\$) Option 9: Kalaheia ES multi-purpose covered space and addition (\$\$)
Priority 3	<ul style="list-style-type: none"> Option 11.2: Kapaa HS other athletic master plan projects (track/field) (\$\$) 	<ul style="list-style-type: none"> Option 1: Kauai HS phased renovations and portable replacements (\$\$\$\$) Option 2.1: Kauai HS renovations of Building S (\$\$) Option 14: Wilcox ES new classroom building (\$\$\$) Option 16.1: Koloa ES new classroom building portable replacement (\$\$\$) 	<ul style="list-style-type: none"> Option 7: Kekaha ES new covered play court (\$\$)
Priority 4	<ul style="list-style-type: none"> Option 12: Kapaa HS swimming pool (\$\$) 	<ul style="list-style-type: none"> Option 4: Kauai HS lounge space in Building K repurposed for STEAM (\$\$) Option 17.3: Kauai HS athletic courts/fields (\$\$) Option 19: Wilcox ES space for staff/student collaboration (\$) 	<ul style="list-style-type: none"> Option 1: Waimea HS culinary teaching kitchen and STEAM classroom in place of Building C (\$\$\$) Option 2: Waimea HS covered multi-purpose area between Buildings C and F (\$\$) Option 6: Eleele ES library renovations and multi-purpose covered space and addition (\$\$)
Priority 5	<ul style="list-style-type: none"> Option 7: Kapaa MS classroom renovations (\$\$\$) Option 8: Hanalei ES renovations (\$\$) 	<ul style="list-style-type: none"> Option 3: Kauai HS move music program building to M Option 5: Kauai HS Building M repurposed for teacher/admin offices (\$\$) 	<ul style="list-style-type: none"> Option 8: Kekaha ES new administration facility (\$\$) Option 10: Waimea Canyon MS convert existing building to black box theater (\$\$)

Options/Scenarios are listed out by Complex (Y axis) and Priority (X axis).

Complex Data and Goals

Complex Name FACILITY NEEDS

Complex
logo

Enrollment and Facility Data:

Key data used in the development of facilities options for each complex is reported in this table by school campus:

- a. **2017-18 enrollment** aka 'current enrollment' or 'baseline enrollment' – the DOE's official October enrollment from last school year, plus known pre-k enrollment.
- **2023-24 enrollment** aka 'projected enrollment' or 'planning enrollment' – the DOE's estimated enrollment for the future school year 2023-24, adjusted to account for the 7-month cohort' caused by a new kindergarten enrollment birthday cutoff made in 2014 that is working its way up the system.
- **% growth/decline** – the growth(+) or decline(-) in enrollment between 2017-18&2023-24.
- b. **Capacity** – a factored number of students that a school can reasonably accommodate based on each school's program and the number, type, current use, and size of classrooms.
- c. **Projected Capacity Surplus** – the difference between the capacity and projected enrollment, as surplus (+) or shortage (-).
- d. **2023-24 Projected Utilization** aka 'capacity utilization' – the projected enrollment divided into the capacity. Ideal range is between 80% and 120%, with 100% capacity utilization representing a school that is comfortably 'full'. Utilization more than 120% is crowded or over-utilized, and utilization less than 80% is under-utilized.
- **Oldest Building Year** – approximate year that the oldest building still in use was built
- **Newest Building Year** – approximate year that the latest buildings were built
- **Average Building Age** – weighted average age by square feet
- **% Old or Beyond Expected Life** - % of buildings by square feet that are estimated to be in or older than the last third of expected life based on the construction type. The higher the percentage, the older and likely worse structural condition of the school.
- **Adequacy Score and Rank** – Each school has a weighed score and statewide ranking based on a common rubric comparing its facilities against the DOE's 'education specification' design standards. The rank is from 1 (best) to 260 (worst) in terms of how well the facilities match DOE standards.

Stakeholder Voice:



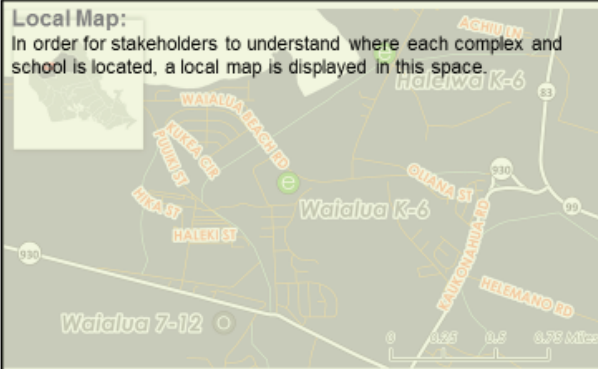
The local values, goals, and opinions of stakeholders drive the priorities of the Hawaii DOE Facility Master Plan.

Key ideas and quotes from students, parents, teachers, community members, the business community, higher ed representatives, and DOE administrators are documented in this space.

The purpose is two fold: 1) to inform the development of operational scenarios and facility options, and 2) to record the diverse local perspectives of those affected by decisions that lead to informed decision making and final recommendations.

Local Map:

In order for stakeholders to understand where each complex and school is located, a local map is displayed in this space.



Challenges:

Fundamental challenges and areas of greatest need are highlighted categorically in this space and annotated with infographic icons, that are used to annotate scenarios and facility options throughout the document.



- Enrollment – steep growth/decline
- Geographical Exception outliers



- Career Technical Education spaces



- Library spaces



- High / Future / Moderate Flood Risk



- Science spaces



- Food service spaces



- Facility age and condition



- Visual and performing arts spaces



- Administration spaces



- Over / under / imbalanced capacity utilization



- PE / athletic spaces
- Athletic master plan priorities



- Stakeholder expressed needs
- Please add your perspective!

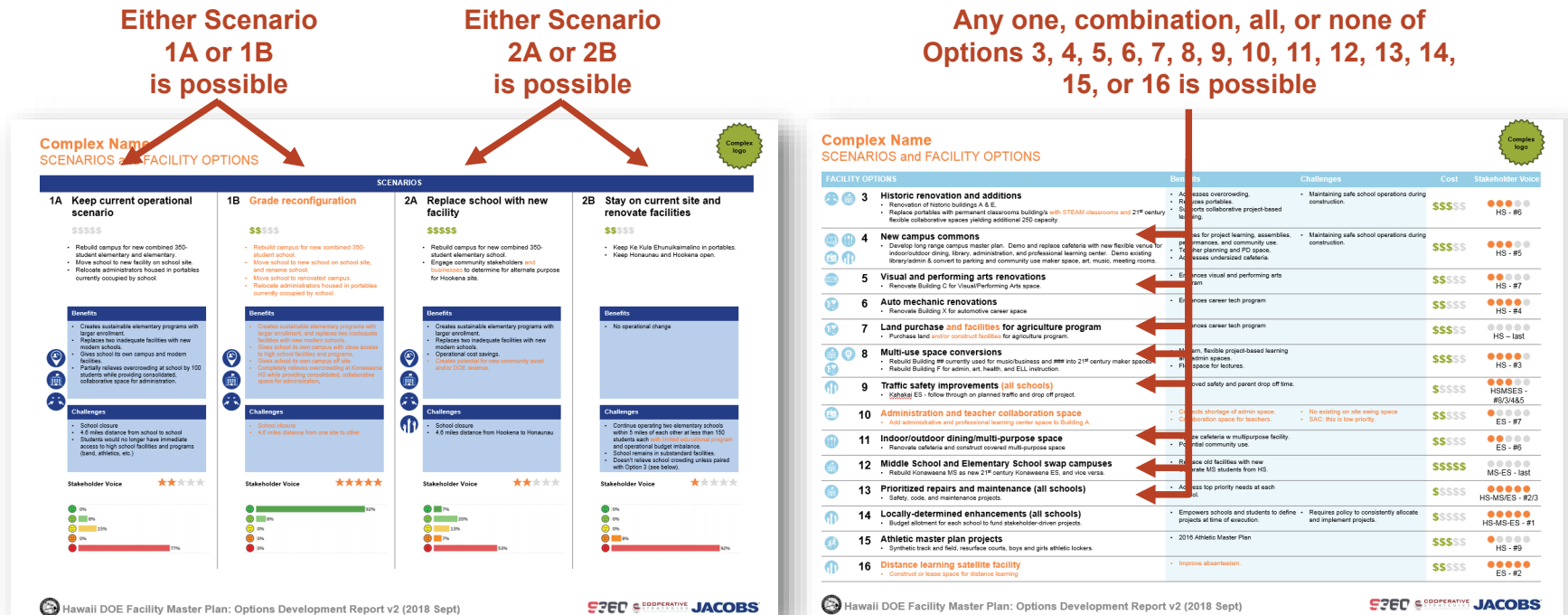
Scenarios and Options

For clarity of communication, each **potential outcome** designed by the Executive Planning Committee in partnership with the Stakeholder Advisory Committee is classified either as a **SCENARIO** or an **OPTION**:

- **Scenario** – One of a set of mutually-exclusive “either/or” outcomes of which only one is possible (e.g., build new school to relieve crowding vs. add classrooms to existing schools, or change grade configuration vs. stay the same). Scenarios tend to be operational school portfolio changes in nature.
- **Option** – An additive “and/or” facility project that could be possible in combination with other options and with one or many scenarios (e.g., campus repairs, new science building, replace track). Options tend to be facility capital improvement projects.













The report displays **Scenarios in vertical columns** with dark blue headings, and **Options in horizontal rows** with light blue headings. In each format, each Scenario/Option is described in terms of the operational end-state, what capital projects are required, cost, benefits, challenges, and **stakeholder feedback that is added in orange font** with each subsequent release. Live polls are used during stakeholder vetting to measure and document degrees of stakeholder support.

Each Scenario and Option is assigned a **unique code** to facilitate discussion and to trace edits as the scenario/option undergoes revisions throughout the planning process. **Scenario codes are numbers with letter suffixes**, (e.g., 1A, 1B, 1C), and **Option codes are just numbers** (2, 3, 4, etc.). The order of Scenarios and Options is arbitrary and does not convey preference or priority. EPC and SAC members will determine priorities through consideration of data and open discussion.












Report Key

Option/Scenario Category

-  Enrollment
-  Safety: Proximity to Tsunami Zone
-  Condition: Percent of Buildings Beyond Expected Life
-  Capacity
-  Career Tech
-  STEM
-  Arts
-  PE/Athletics
-  Library
-  Food Service
-  Administration & Faculty
-  Stakeholder Needs

Funding Category

-  Compliance
-  Support
-  Replace
-  Innovation
-  Health and Safety
-  Equipment
-  Capacity
-  Instruction
-  Repair and Maintenance

\$\$\$\$\$	\$500k-2.5M	1 ●	Priority 1
\$\$\$\$\$	\$2.5-20M	2 ●	Priority 2
\$\$\$\$\$	\$20-40M	3 ●	Priority 3
\$\$\$\$\$	\$40-75M	4 ●	Priority 4
\$\$\$\$\$	\$75-100M+	5 ○	Priority 5

Common Acronyms

ADA – Americans with Disabilities Act

EPC – Executive Planning Committee

ES – Elementary School

GE – Geographic Exception

HS – High School

IS – Intermediate School

MS – Middle School

SAC – Stakeholder Advisory Committee

SPED – Special Education





STEM/STEAM – Science, Technology, Engineering, Art, Math



APPENDIX C

Hawaii Northwest Options Reports

Hawaii Northwest District Overview

	 Honokaa	 Kealakehe	 Kohala	 Konawaena
Priority 1	<ul style="list-style-type: none"> Scenario 1G: Honokaa complex - engage community to inform grade reconfiguration (\$) Option 3: Paauiio renovations and multi-purpose space conversions (\$\$) Option 5: Paauiio ongoing restroom and painting projects (\$) Option 6: Honokaa ES renovations and multi-purpose space conversions (\$\$\$) Option 8: Prioritized repairs and maintenance (all schools) (\$\$) Option 12: District-wide electrical low-voltage upgrades (all schools) (\$\$\$) Option 13: Prioritized accessibility improvements (all schools) (\$) Option 14: Furniture and equipment refresh (all schools) (\$) 	<ul style="list-style-type: none"> Option 2: Kealakehe HS performing arts and student center (\$\$\$) Option 10: Holualoa ES rebuild the school on site (\$\$\$\$) Option 11: Prioritized repairs and maintenance (all schools) (\$\$) Option 14: Pedestrian safety (all schools) (\$\$) Option 15: Kealakehe IS new media production center (\$\$) Option 18: Kealakehe ES new eight-classroom building (\$\$\$) Option 19: District-wide electrical low-voltage upgrades (all schools) (\$\$\$) Option 20: Prioritized accessibility improvements (all schools) (\$) Option 21: Furniture and equipment refresh (all schools) (\$) 	<ul style="list-style-type: none"> Option 5: Prioritized repairs and maintenance (all schools) (\$\$) Option 7.1: Kohala HS new gym (\$\$\$) Option 7.2: Kohala HS new athletic facility master plan (\$\$) Option 9: Kohala ES/HS paved parking and vehicle drop-off (\$) Option 11: District-wide electrical low-voltage upgrades (all schools) (\$\$\$) Option 12: Prioritized accessibility improvements (all schools) (\$) Option 13: Furniture and equipment refresh (all schools) (\$) 	<ul style="list-style-type: none"> Scenario 1B: New Ke Kula Ehunuikaimalino, new Konawaena MS, and consolidated Honaunau/ Hookena ES at renovated Hookena (\$\$\$\$\$) Option 9: Traffic safety improvements (all schools) (\$) Option 13: Prioritized repairs and maintenance (all schools) (\$\$) Option 15: Konawaena HS Athletic Master Plan projects (\$\$\$) Option 17: District-wide electrical low-voltage upgrades (all schools) (\$) Option 18: Prioritized accessibility improvements (all schools) (\$) Option 19: Furniture and equipment refresh (all schools) (\$)
Priority 2		<ul style="list-style-type: none"> Scenario 1A: Kealakehe HS classroom addition (\$\$\$) Option 3: Kealakehe HS covered multi-purpose pavilion (\$\$) Option 17: Kealakehe IS and ES perimeter fence (\$) 	<ul style="list-style-type: none"> Option 4.1: Kohala MS ongoing play court and lanai projects (\$\$) 	<ul style="list-style-type: none"> Option 3: Konawaena HS historic renovation and additions (\$\$\$) Option 6: Konawaena HS auto mechanic renovations (CTE-various) (\$\$)
Priority 3	<ul style="list-style-type: none"> Option 4: Regional teacher housing (\$\$) Option 10: Honokaa HS/ES close road through campus & fence west side of Pakalana (\$\$) 	<ul style="list-style-type: none"> Option 5: Kealakehe HS special education classroom renovations (\$) Option 8: Waikoloa ES and MS acquire land for athletic facilities, fields, and/or playgrounds (\$\$\$\$) Option 16: Kealakehe IS and ES new covered play court (\$\$) 	<ul style="list-style-type: none"> Option 2: Kohala ES two-story addition (\$\$\$) 	<ul style="list-style-type: none"> Option 14: Locally-determined enhancements (all schools) (\$)
Priority 4	<ul style="list-style-type: none"> Option 2: New Honokaa HS/IS campus commons (\$\$\$\$) Option 9: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 4.1: Kealakehe HS new STEAM building (\$\$\$) Option 4.2: Kealakehe HS new gym building (\$\$\$) Option 6: Kealakehe HS kitchen renovations (\$)= Option 12: Locally-determined enhancements (all schools) (\$) Option 13: Kealakehe HS athletic master plan projects (\$\$) 	<ul style="list-style-type: none"> Option 3: Kohala MS new STEAM building (\$\$\$) Option 6: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 5: Konawaena HS visual and performing arts renovations (\$\$) Option 11: Konawaena ES indoor/outdoor dining/multi-purpose space (\$\$)
Priority 5	<ul style="list-style-type: none"> Option 7: Waimea ES acquire public library and multi-purpose facility (\$\$\$) Option 11: Waimea MS and Paauiio K-9 gym and bleachers (\$\$\$) 	<ul style="list-style-type: none"> Option 7: Kealakehe IS new STEAM building (\$\$\$) 	<ul style="list-style-type: none"> Option 8: Kohala HS phased reconstruction (\$\$\$\$) 	<ul style="list-style-type: none"> Option 7: Konawaena HS land purchase and facilities for agriculture program (\$\$\$) Option 10: Kahakai ES administration and teacher collaboration space (\$\$) Option 16: Milolii distance learning satellite facility (\$\$)



Honokaa Complex FACILITY NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Honokaa High & Intermediate (7-12)	652 / 596 /-9%	681	85	0.88	1928 / 1991 / 53	34%	0.77 / 68
	Waimea Middle PCCS (6-8)	252 / 252 / 0%	436	184	0.58	1941 / 1991 / 48	28%	0.62 / 173
	Pa'auilo Elementary & Intermediate (K-9)	201 / 178 /-11%	224	46	0.79	1951 / 1951 / 65	95%	0.54 / 235
	Honokaa Elementary (K-6)	389 / 427 / 10%	418	-9	1.02	1965 / 1967 / 50	91%	0.47 / 253
	Waimea Elementary (K-5)	553 / 576 / 4%	552	-24	1.04	1966 / 1994 / 40	59%	0.61 / 189
	TOTAL	2,029	2,311	282	0.88		61%	0.60

Stakeholder Voice:



We want to learn job skills like the trades, and there aren't enough career classes at the school.
- High School Student

Our schools need to prepare students for what businesses want in their employees, people with soft skills, the ability to think independently and work well with others.
- Business Community Member

We need more home-grown teachers who we can feel comfortable with and who can help the others earn our trust. - High School Student

The way each town sends kids to high school at different grades contributes to rivalries that start at parks and rec league sports. - Parent

Stronger academic rigor is needed, which starts with having the right teachers. It's hard to keep good teachers at Honokaa. Many students take online classes. - Teacher/Parent

Challenges:



- 415 of 1,019 (41%) Honokaa HS/IS students GE out or attend charter



- Library less than 50% of standard space: Waimea ES, Honokaa ES



- Science less than 50% of standard space: Paauilo, Waimea IS



- Cafeteria less than 50% of standard space: Honokaa HS/IS, Paauilo ES/IS



- More than half of Honokaa facilities are classified as old or beyond useful life



- Music less than 50% of standard space: Paauilo, Honokaa HS and IS, Waimea MS



- Administration less than 50% of standard space: Honokaa ES



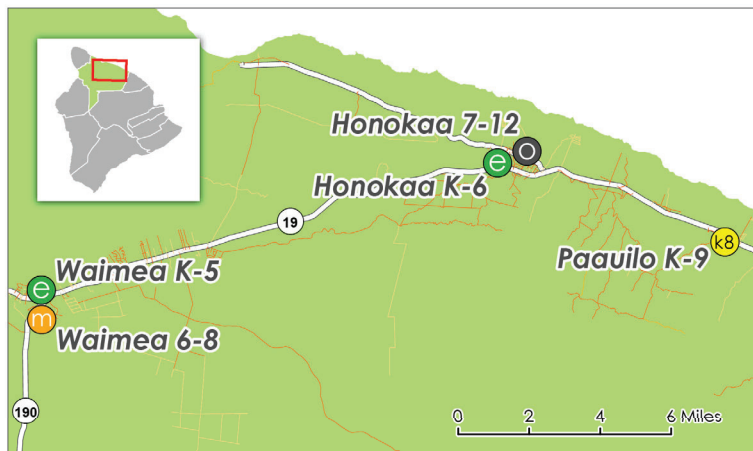
- Waimea MS and Paauilo K-9 are under-utilized



- PE locker less than 50% of standard space: Paauilo, Waimea MS
- Resurface courts, training room



- Fans and AC
- Teacher housing
- Career Technology Education programs



Honokaa Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Honokaa 9-12, Paauilo K-8, Honokaa K-5

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- Move Honokaa IS program and 6th grade from Honokaa ES to Paauilo
- Move Paauilo 9th grade to Honokaa
- Honokaa becomes 9-12 HS
- Paauilo becomes K-8
- Honokaa ES becomes K-5

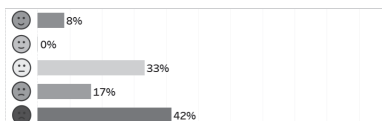
Benefits

- All students start high school in 9th grade, unifying student classes/cohorts
- One united middle school program for Honokaa and Paauilo creates scale to enhance educational programs, such as language, career tech, athletics, and arts
- Honokaa HS admin focuses on 9-12 programs
- Keeps elementary programs in each town
- **Unifies middle school students at same time**
- **Honokaa and Paauilo students are integrated from kindergarten**

Challenges

- New grade configuration requires operational planning with teachers and administration
- Increased transportation of Honokaa MS students to Paauilo
- **Teacher turnover**
- **Waimea students still not integrated until HS**

Stakeholder Voice



1B Honokaa 9-12, Paauilo 6-8, Honokaa K-5

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- Similar to 1A, except Paauilo is a 6-8
- Move Honokaa IS program and 6th grade from Honokaa to Paauilo
- Move **Paauilo K-5 and 9th grade** to Honokaa
- Honokaa becomes 9-12 HS
- **Paauilo becomes 6-8 MS**
- Honokaa ES becomes K-5
- Moderate renovations at Paauilo and Honokaa to accommodate changed programs

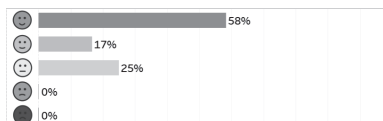
Benefits

- All students start high school in 9th grade, unifying student classes/cohorts
- One united MS program AND one united ES program for Honokaa and Paauilo creates scale to enhance educational programs, such as language, career tech, athletics, and arts
- Honokaa HS admin focuses on 9-12 programs
- Paauilo focuses on MS
- **Unifies MS students at same time**
- **Honokaa and Paauilo students are integrated from kindergarten**

Challenges

- New grade configuration requires operational planning with teachers and administration
- Increased transportation of Honokaa MS students to Paauilo and Paauilo ES students to Honokaa
- **Potential longer commute for Paauilo ES parents**
- **Teacher turnover**
- **Waimea students still not integrated until HS**

Stakeholder Voice



1C Honokaa 9-12, Paauilo 7-8, Honokaa K-6

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- Similar to 1B, except Paauilo is a 7-8
- Move Honokaa IS program from Honokaa to Paauilo
- Move **Paauilo K-6 and 9th grade** to Honokaa
- Honokaa becomes 9-12 HS
- **Paauilo becomes 7-8 MS**
- Honokaa ES remains K-6
- Requires 6-classroom addition at Honokaa ES to accommodate all K-6
- **Resulting 7-8 school would be unsustainably small**

Benefits

- All students start high school in 9th grade, unifying student classes/cohorts
- One united MS program AND one united ES program for Honokaa and Paauilo creates scale to enhance educational programs, such as language, career tech, athletics, and arts
- Honokaa HS admin focuses on high school
- Paauilo focuses on middle school
- **Unifies middle school students at same time**
- **Honokaa and Paauilo students are integrated from kindergarten**

Challenges

- New grade configuration requires operational planning with teachers and administration
- Increased transportation Paauilo/Honokaa
- Less scale benefits than from 1B
- Requires significant capital expense
- **Requires additional classrooms**
- **SAC: Not age appropriate grade configuration (compared to K-5, 6-8)**
- **Teacher turnover**
- **Waimea students still not integrated until HS**

Stakeholder Voice



1D New 9-12 HS in Waimea & Honokaa 6-8 MS

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- Construct new 21st century high school campus near Waimea town, location TBD
- Move Honokaa 9-12 and Paauilo 9th programs to new campus in Waimea
- Renovate and convert Honokaa HS/IS campus into complex-wide 6-8 MS
- Honokaa ES and Paauilo become K-5
- Waimea MS and ES remains 6-8 and K-5
- Waikoloa 9-12 feeds to new Waimea HS
- **Opting for Option 12**

Benefits

- Move high school to centralized location near areas with projected long-term growth.
- New 21st century HS and MS **facilities that support collaborative learning**
- All students start high school in 9th grade, unifying student classes/cohorts
- Offer public school alternatives to families opting for private and charter schools
- United MS creates scale to enhance programs, such as language, career, athletics, and arts
- Relieve overcrowding at Kealahou HS
- **Waikoloa 9-12 students have less travel time**

Challenges

- New grade configuration requires operational planning with teachers and administration
- Honokaa traditions closely tied to HS/IS
- **Transportation distance from Paauilo makes it difficult to participate in extra-curricular activities**
- **Switches students that are being transported**
- **Expensive to build new high school**
- **Doesn't solve current student rivalries at schools**
- **Teacher turnover**
- **Honokaa economy tied to school**

Stakeholder Voice



Honokaa Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1E Keep current locations and grade configurations

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- Honokaa HS/IS remains 7-12
- Paaulo remains K-9
- Honokaa ES remains K-6
- Waimea MS PCCS remains 6-8
- Waimea ES remains K-5
- EPC concurs with SAC

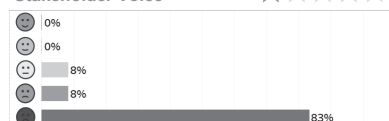
Benefits

- No operational changes

Challenges

- Current scenario has school transitions at different grade levels in each of the three towns within Honokaa complex
- Divided classes/student cohorts entering HS and MS at different grades
- Difficult to plan vertically aligned curriculum between schools
- Athletics difficulties when rival students come together at different grade levels
- Not enough teachers with high turnover
- Class sizes
- "Same old same old," *mix-and-match consistency*
- Doesn't solve current student rivalries
- Paaulo 9th students commute for athletics

Stakeholder Voice



1F New 9-12 HS in Waimea

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- SAC-created option
- Build new 9-12 HS in Waimea to serve Waimea and Waikoloa students with attendance boundary adjustment
- Change feeder pattern for Waikoloa K-8 from Kealahou to Waimea
- Option for Option 12

Benefits

- Shorter distance for Waimea and Waikoloa
- Helps relieve overcrowding at Kealahou HS
- Small grade-level class sizes
- Less bussing/transportation cost
- Reduced driving is safer
- Potential to help alleviate future population growth
- Kanu students would attend WHS (*as act*)
- Students will already be integrated
- Parents may be more willing to send kids to Waimea HS vs Honokaa HS

Challenges

- <300 students grades 9-12 left in Honokaa HS, ~600 students at Waimea HS
- Low enrollment creates budget challenge to support a wide range of comprehensive programs
- Still requires organization of grade configuration
- Expensive to build new school
- Operational planning with a new school
- Will draw from already low Kohala HS and Honokaa HS enrollment
- Need for more teachers and administrative staff

Stakeholder Voice



1G Honokaa complex – engage community to inform grade reconfiguration

\$\$\$\$\$ \$500k-2.5M ● Priority 1

- EPC narrowed down scenarios to 1A and 1B, and to select a districtwide option to study location and timing of future high school

Benefits

Challenges

Recommendation

- Build from SAC and EPC engagements to further engage Honokaa community to determine the best, local Pre-K-8 grade configuration to guide future capital investment



Honokaa Complex

SCENARIOS and FACILITY OPTIONS
















FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 2 New Honokaa HS/IS campus commons <ul style="list-style-type: none"> Construct new Professional Learning Center, administration, library, and cafeteria Rebuild existing admin and library into 21st century STEM, art, and community space with distance learning facilities Add/enhance spaces for Career Technical Education instruction 		<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$ \$40-75M	 HS #2		4 
 3 Paaulo renovations and multi-purpose space conversions <ul style="list-style-type: none"> Renovate existing space for STEAM Move Pre-K into Building C. Renovate existing Pre-K space to add to wood shop OR keep Pre-K where it is and renovate classrooms in Building C for STEAM and add to the shop Treat play court with acoustic panels and large fans Moderate renovations for condition and electrical needs 	<ul style="list-style-type: none"> Provides flexible space for project-based learning and science/art Allows play court to be used for assemblies Provides technology infrastructure 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$ \$2.5-7.5M	 MS-ES #5		1 
 4 Regional teacher housing <ul style="list-style-type: none"> Use portion of large Paaulo or other site to build teacher housing 	<ul style="list-style-type: none"> Provides housing to attract and retain teachers Potential revenue generation 		\$\$\$\$\$ \$2.5-7.5M	 MS-ES #4		3 
 5 Paaulo ongoing restroom and painting projects <ul style="list-style-type: none"> Follow through on committed projects for bathroom renovations and Building A painting 			\$\$\$\$\$ \$500k-2.5M	 MS-ES #5		1 
 6 Honokaa ES renovations and multi-purpose space conversions <ul style="list-style-type: none"> Multi-purpose flexible additions between Buildings K and J Convert classroom to flexible STEAM/maker space for art and science program Add a Admin, Professional Learning Center, and Custodial Addition north or south of current admin building 	<ul style="list-style-type: none"> Provides modern, flexible, collaborative space Provides proper art/flexible and modern space Provides professional space for administrator and teachers to plan and collaborate 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$ \$20-40M	 MS-ES #1		1 
 7 Waimea ES acquire public library and multi-purpose facility <ul style="list-style-type: none"> Acquire public library and convert to Professional Learning Center and maker space Acquire public multi-purpose gym and convert to community-based maker space 	<ul style="list-style-type: none"> Provides needed modern and flexible space 		\$\$\$\$\$ \$20-40M	 MS-ES #2		5 
 8 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects SAC: classroom fans and/or air conditioning, restroom renovations, covered areas, parking 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	 HS, MS-ES #3		1 
 9 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects. Consider kitchen renovations for farm-to-school program, emergency shelters, gyms/bleachers 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 HS #4 MS-ES #8		4 
 10 Honokaa HS/ES close road through campus <ul style="list-style-type: none"> Close/re-route traffic to improve pedestrian safety Construct additional parking 	<ul style="list-style-type: none"> Improves safety 		\$\$\$\$\$ \$2.5-7.5M	 HS #1		3 



Honokaa Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 11 Waimea MS and Paauilo K-9 gym and bleachers <ul style="list-style-type: none"> If Paauilo remained K-9, high school gym would benefit all area students and community 	<ul style="list-style-type: none"> If Paauilo remained K-9, high school gym would benefit all area students and community 		\$\$\$\$ \$20-40M	     MS-ES #7		5 ○
 12 District-wide electrical low-voltage upgrades (all schools)			\$\$\$\$ \$20-40M			1 ●
 13 Prioritized accessibility improvements (all schools)			\$\$\$\$ \$500k-2.5M			1 ●
 14 Furniture and equipment refresh (all schools) <ul style="list-style-type: none"> Text goes here 			\$\$\$\$ \$500k-2.5M			1 ●








Kealakehe Complex

DATA and NEEDS



Enrollment and Facility Data:

School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
 Kealakehe High (9-12)	1311 / 1590 / 21%	1334	-256	1.19	1997 / 2003 / 19	0%	0.90 / 3
 Kealakehe Intermediate (6-8)	705 / 748 / 6%	1126	378	0.66	1975 / 2008 / 29	2%	0.90 / 2
 Waikoloa Elementary & Middle (K-8)	830 / 799 / -4%	702	-97	1.14	1994 / 2001 / 20	0%	0.72 / 99
 Holualoa Elementary (K-5)	523 / 520 / -1%	437	-83	1.19	1916 / 2001 / 41	42%	0.44 / 257
 Kealakehe Elementary (K-5)	988 / 963 / -3%	838	-125	1.15	1969 / 1993 / 40	5%	0.59 / 215
TOTAL	4,620	4,437	-183	1.04		10%	0.71

Stakeholder Voice:



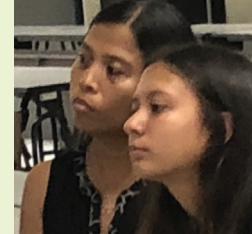
*I wish all of my classes were like the STEM academy where the lessons are **interactive and project-based with real-world application**, not just 'read the book and take a test.'*
- High School Student



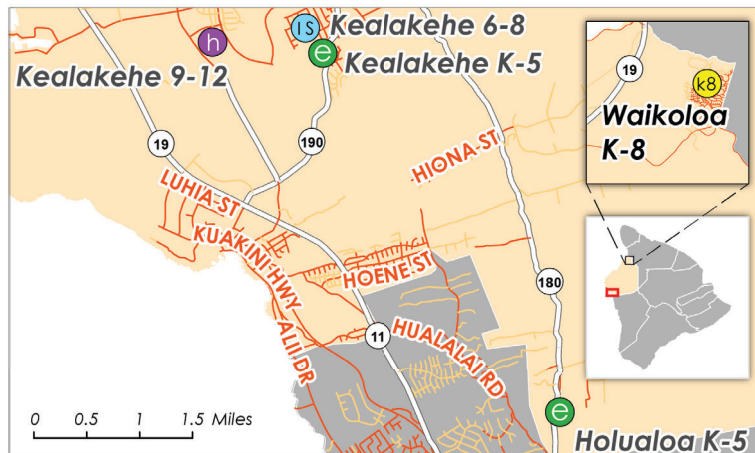
*It is our **moral responsibility** to make sure our students are **critical thinkers**. The types of **jobs that will enable future generations to own a home and stay invested in the community** aren't ones where employees just do what they're told.*
- High School Career Tech Coordinator



*Technology is a powerful tool, but it is not a replacement for face-to-face interaction. **Students still need 'high touch.'***
- Community College Administrator



*I prefer a classroom where **students aren't forced to work at everyone else's pace**.*
- Community Member



Facility Needs:



- 21% enrollment growth at Kealakehe HS
- 31 mile commute from Waikoloa Village to Kealakehe HS



- Holualoa ES has the fifth lowest Education Adequacy score in the state



- Four of the five schools in Kealakehe are over-utilized



- Science less than 50% of standard space: Waikoloa ES and MS
- No dedicated science at elementary schools
- Art and music less than 50% of standard space: Waikoloa ES & MS
- No dedicated art at ES
- PE lockers less than 50% of standard space: Waikoloa ES and MS and Kealakehe IS
- Resurface courts



- Library less than 50% of standard space: Kealakehe ES and HS
- Cafeteria less than 50% of standard space: Kealakehe ES
- Administration less than 50% of standard space: Holualoa ES



Kealakehe Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Kealakehe HS classroom addition, informed by 1D (STEAM, teacher PLC)

\$\$\$\$\$ \$20-40M Priority 2

- Build multi-story classroom building to add ~250 additional student capacity
- By December 2019, engage local stakeholders to determine space needs for new addition and locate new facility on designated plot

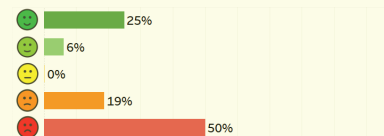
Benefits

- Relieves overcrowding at Kealakehe HS
- Provides new, flexible learning environments

Challenges

- Maintaining safe school operations during construction

Stakeholder Voice



1B Expand Waikoloa to K-12

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- Build ~200 capacity addition to Waikoloa K-8 facility for HS programming
- Realign attendance boundaries to relieve crowding at Kealakehe HS

Benefits

- Relieve overcrowding at Kealakehe HS by drawing high school students living in Waikoloa Village (currently 166)
- Relieve overcrowding at Waikoloa ES/MS
- Reduce 60-mile round-trip commute

Challenges

- Would require land acquisition to build athletic facilities, fields, and performing arts spaces
- It's probably 12 years too early for this scenario. In near term, small enrollment at Waikoloa would limit program offerings

Stakeholder Voice



1C New 9-12 High School in Waimea

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- Construct new 21st century HS campus near Waimea town, location TBD
- Realign attendance boundaries to relieve crowding at Kealakehe HS (grade reconfiguration and facility projects outlined in Honokaa complex Scenario 1D)

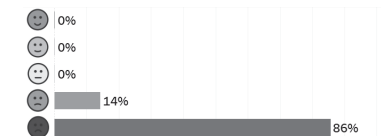
Benefits

- Relieve overcrowding at Kealakehe HS by drawing high school students living in Waikoloa Village (currently 166)
- Move HS to centralized location near areas with projected long-term growth
- New 21st century HS and MS facilities that support collaborative learning
- Offer public school alternatives to families opting for private and charter schools

Challenges

- New grade configuration requires operational planning with teachers and administration
- Honokaa culture and traditions closely tied to the HS/IS

Stakeholder Voice



1D Kealakehe HS specialized spaces, outdoor learning, efficient scheduling, and off-campus programs

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- Alternate version of Scenario 1A
- Capacity utilization isn't as big a problem at Kealakehe due to efficient scheduling and growing off-campus early college program
- Construct additions with professional learning center/teacher offices, flexible project spaces, and specialized classroom types such as CTE and STEAM instead of general classrooms

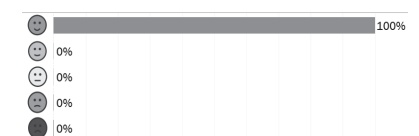
Benefits

- Student-designed, student-built outdoor learning spaces are source of learning and pride
- Professional learning center teacher offices facilitate more efficient capacity utilization and are more palatable to teachers than "floating"
- Specialized spaces provide program flexibility that general classrooms don't

Challenges

- Efficient scheduling that enables higher capacity utilization depends on sustained presence of sophisticated administration and teaching staff

Stakeholder Voice



Recommendation

- Create new permanent structure including STEAM classrooms and multi-purpose teacher meeting space informed by local engagements



Kealakehe Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2 Kealakehe HS performing arts and student center <ul style="list-style-type: none"> Follow through on plans for a performing arts and student center 	<ul style="list-style-type: none"> Provides a performing arts venue for the school and community 		\$\$\$\$ \$20-40M	HS - #8		1
3 Kealakehe HS covered, multi-purpose pavilion <ul style="list-style-type: none"> Construct ## sf covered outdoor venue for dining, assembly, and community use 	<ul style="list-style-type: none"> Provides a covered play and multi-purpose space 		\$\$\$ \$2.5-7.5M	HS - #6		2
4.1 Kealakehe HS new STEAM building <ul style="list-style-type: none"> Project for new STEAM facility in process 	<ul style="list-style-type: none"> Modern, flexible environments Relieves overcrowding 		\$\$\$ \$20-40M	HS - #3		4
4.2 Kealakehe HS new gym building <ul style="list-style-type: none"> Project for new gym facility in process 	<ul style="list-style-type: none"> Modern, flexible environments Relieves overcrowding Provides new athletic facilities 		\$\$\$ \$20-40M			4
5 Kealakehe HS special education classroom renovations	<ul style="list-style-type: none"> Provides space designed and equipped for special education 		\$\$\$ \$500k-2.5M	HS - #4		3
6 Kealakehe HS kitchen renovations <ul style="list-style-type: none"> Renovate the high school kitchen to accommodate farm-to-school cooking 	<ul style="list-style-type: none"> Improves kitchen condition 		\$\$\$ \$500k-2.5M	HS - #9		4
7 Kealakehe IS new STEAM building <ul style="list-style-type: none"> Replace portables with new, flexible STEAM building 	<ul style="list-style-type: none"> Modern, flexible environments Replaces portable capacity with permanent space 		\$\$\$ \$20-40M	MS - #3		5
8 Waikoloa ES and MS acquire land for athletic facilities, fields, and/or playgrounds <ul style="list-style-type: none"> Acquires land regardless of whether or not Waikoloa remains a K-8 or becomes a K-12 school May be used for after school programs 	<ul style="list-style-type: none"> Provides athletic facilities, fields, and/or playground equipment for the school and community 		\$\$\$ \$40-75M	MS - #6		3
9 Waikoloa ES & MS eight-classroom STEAM addition <ul style="list-style-type: none"> Currently under construction 	<ul style="list-style-type: none"> Plan already in place Provides modern, flexible learning environments including art, special education, and science 		\$\$\$ \$20-40M	MS - #4		n/a
10 Holualoa ES rebuild the school on site <ul style="list-style-type: none"> Relocate the new facility on one side of the road currently bisecting the campus Includes solution for pedestrian traffic and perimeter 	<ul style="list-style-type: none"> Rebuilds a school in poor condition and the 5th worst in the state based on the Educational Adequacy gap analysis Improves safety by operating a school on only one side of a road 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$ \$40-75M	ES - #1		1
11 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$ \$7.5-20M	HS-MS/ES - #2/4		1
12 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$ \$500k-2.5M	HS-MS/ES - #1/2		4



Kealakehe Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
13 Kealakehe HS athletic master plan projects <ul style="list-style-type: none"> Resurface courts, training room, weight room, synthetic track 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$ \$2.5-7.5M	HS - #8		4
14 Pedestrian safety (all schools) <ul style="list-style-type: none"> Budget allotment to address pedestrian safety concerns, e.g., barriers, rerouting traffic, etc. 	<ul style="list-style-type: none"> Prevents repeated safety events 		\$\$\$\$ \$2.5-7.5M	HS-MS/ES - #5/3		1
15 Kealakehe IS new media production center			\$\$\$\$ \$2.5-7.5M			1
16 Kealakehe IS and ES new covered play court			\$\$\$\$ \$2.5-7.5M			3
17 Kealakehe IS and ES perimeter fence			\$\$\$\$ \$500k-2.5M			2
18 Kealakehe ES new eight-classroom building <ul style="list-style-type: none"> Partially funded Balance capacity between Options 10 and 18 			\$\$\$\$ \$20-40M			1
19 District-wide electrical low-voltage upgrades (all schools)			\$\$\$\$ \$20-40M			1
20 Prioritized accessibility improvements (all schools)			\$\$\$\$ \$500k-2.5M			1
21 Furniture and equipment refresh (all schools)			\$\$\$\$ \$500k-2.5M			1



Kohala Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kohala High (9-12)	253 / 235 /-7%	358	123	0.66	1921 / 1977 / 66	90%	0.70 / 112
	Kohala Middle (6-8)	179 / 146 /-18%	232	86	0.63	1939 / 1996 / 67	78%	0.62 / 175
	Kohala Elementary (K-5)	347 / 371 / 7%	410	39	0.90	1953 / 1991 / 51	62%	0.53 / 239
	TOTAL	752	1,000	248	0.75		77%	0.62

Stakeholder Voice:



We want to learn job skills like the trades, and there aren't enough career classes at the school.
- High School Student

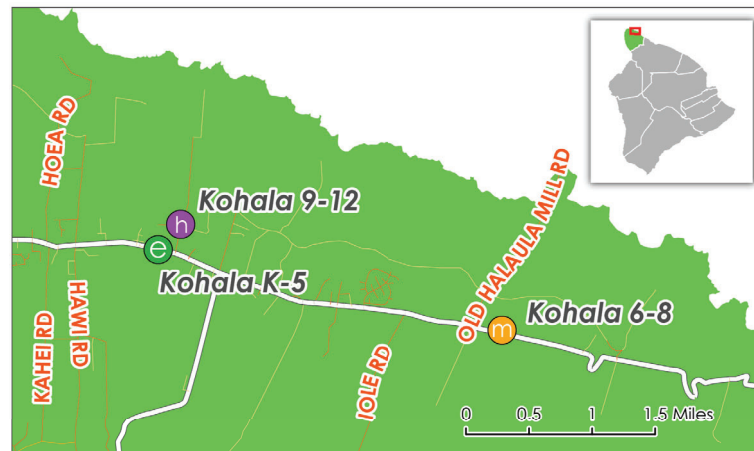


We start out every year \$75 thousand short on our budget and have to find ways to make it up.
-High School Principal



We need more home-grown teachers who we can feel comfortable with and who can help the others earn our trust. - High School Student

We need to foster more technical/trade programs.
- High School Student



Challenges:



- 18% enrollment decline at Kohala MS



- More than half of Kohala facilities are classified as old or beyond useful life



- Kohala HS and Kohala MS are under-utilized



- Industrial Arts less than 50% of standard space: Konawaena MS



- Science less than 50% of standard at Kohala MS



- Music less than 50% of standard at Kohala HS
- No dedicated music or art rooms at Kohala MS and Kohala ES



- No PE lockers at Kohala MS
- New gym, renovate track, athletic lockers, training room at Kohala HS



- Cafeteria less than 50% of standard space at Kohala MS



- Parking and safe drop off
- Fans and/or air conditioning



Kohala Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Keep current operational scenario

1B (No alternative scenarios)

\$\$\$\$\$

- Kohala HS 9-12, Kohala IS 6-8, and Kohala ES K-5 continue to operate within same grade configurations and on same campuses

Benefits

- No changes to implement
- Remains status quo

Challenges

- Students remain in same facilities
- Still remains a need for improved/updated facilities such as gymnasium and other athletics

Stakeholder Voice



Kohala Complex

SCENARIOS and FACILITY OPTIONS









FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	2 Kohala ES/HS two-story addition <ul style="list-style-type: none"> Add two-story addition to Building X at front of the ES (First floor - Admin/Welcome Center, Second floor library/STEAM/Career Tech/Maker Space) and old office gets repurposed for classroom space 	<ul style="list-style-type: none"> Improves supervision, security, and way-finding; student collaboration; 21st century spaces 		\$\$\$\$ \$20-40M	●●●●● HS #2		3 
	3 Kohala MS new STEAM building <ul style="list-style-type: none"> Replace portables with new STEAM building 	<ul style="list-style-type: none"> Provides new and modern classroom spaces with flexible support for science, art, and CTE Provides permanent educational space while removing portable spaces 		\$\$\$\$ \$20-40M	●●●●● MS #2		4 
	4.1 Kohala MS ongoing play court, science lab, and lanai projects <ul style="list-style-type: none"> Follow through on committed covered play court plan. SAC: Design as multi-purpose outdoor area for dining, PE, assembly, and other community activities, and include covered walkways Renovate lanai Follow through on committed science room renovation plans 	<ul style="list-style-type: none"> Flexible-use space, PE during inclement weather 		\$\$\$ \$2.5-7.5M	●●●●● MS #1		2 
	4.2 Kohala MS ongoing science lab projects <ul style="list-style-type: none"> Same as Option 3 			\$\$\$\$ \$2.5-7.5M			n/a
	5 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects SAC: classroom fans and/or air conditioning 	<ul style="list-style-type: none"> Addresses top priority needs at each school 		\$\$\$\$7\$ 2.5-20M	●●●●● HS/MS/ES #3		1 
	6 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects Consider kitchen renovations to build on Kohala farm-to-school program Consider emergency shelter improvements 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ \$500k-2.5M	●●●●● HS/MS/ES #6/#4/#4		4 
	7.1 Kohala HS new gym			\$\$\$\$ \$20-40M	●●●●● HS #1		1 
	7.2 Kohala HS new athletic facility master plan <ul style="list-style-type: none"> New athletic facility including locker rooms, tennis courts, fields, and weight room Consistent with State-wide Athletic Master Plan 			\$\$\$ \$2.5-7.5M			1 
	8 Kohala HS phased reconstruction <ul style="list-style-type: none"> Phased renovation or replacement of old buildings 			\$\$\$\$ \$40-75M	●●●●● HS #3		5 
	9 Kohala ES/HS paved parking and vehicle drop-off <ul style="list-style-type: none"> Construct new parking area for students, parent, teachers, and visitors Entrance needs to be re-planned for improved entry and exit to campus 	<ul style="list-style-type: none"> Improves safety and day-to-day operations 		\$\$\$\$ \$500k-2.5M	●●●●● HS #4		1 
	10 Kohala ES STEAM classroom <ul style="list-style-type: none"> Convert classroom into flexible science/art classroom 			\$\$\$\$ \$500k-2.5M	●●●●● HS/ES #1		n/a



Kohala Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 11 District-wide electrical low-voltage upgrades (all schools)			\$\$\$\$\$ \$20-40M			1 ●
 12 Prioritized accessibility improvements (all schools)			\$\$\$\$\$ \$500k-2.5M			1 ●
 13 Furniture and equipment refresh (all schools)			\$\$\$\$\$ \$500k-2.5M			1 ●



Konawaena Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Konawaena High (9-12)	832 / 1072 / 29%	833	-239	1.29	1927 / 1985 / 49	57%	0.76 / 73
	Ke Kula 'O Ehunuikaimalino (K-12)	210 / 234 / 11%	161	-73	1.45	1925 / 1925 / 42	25%	0.42 / 258
	Konawaena Middle (6-8)	632 / 613 / -3%	584	-29	1.05	1929 / 1970 / 56	61%	0.59 / 212
	Honaunau Elementary (K-5)	169 / 169 / 0%	271	102	0.62	1953 / 1969 / 54	72%	0.48 / 252
	Ho'okena Elementary (K-5)	127 / 132 / 4%	284	152	0.46	1931 / 1990 / 64	81%	0.52 / 244
	Kahakai Elementary (K-5)	746 / 722 / -3%	709	-13	1.02	1982 / 2001 / 29	0%	0.78 / 54
	Konawaena Elementary (K-5)	544 / 509 / -6%	601	92	0.85	2001 / 2001 / 17	0%	0.73 / 96
	TOTAL	3,451	3,443	-8	1.00		42%	0.61

Stakeholder Voice:



My best teachers are the ones who love what they do and bring energy to the classroom, ones who know me and can relate to me as a person. - High School Student

The school is so small that we are always in deficit and can't even afford to hire enough teachers for every grade. - Elementary School Principal

Instead of 'read this book on Monday and take a test on Friday' like I was taught, I challenge my students to think critically, work together, and solve problems. - Teacher

The business community is looking for employees with basic work-ready skills like math and writing, but also ones who show up on time, appreciate the value of work, communicate effectively, and work well with others. - Business Community Leader

It's a tragedy that the community doesn't believe that the best place in the world for their kids' education is their public school. - High School Career Tech Teacher



Challenges:

- 29% enrollment growth at Konawaena HS
- Nearly half of Honaunau and Hookena students GE out or attend charter
- Industrial Arts less than 50% of standard space: Konawaena MS
- Science less than 50% of standard space: Konawaena MS, Ke Kula O Ehunuikaimalino
- Art less than 50% of standard space: Ke Kula O Ehunuikaimalino and Konawaena MS
- No dedicated music rooms at ES
- Synthetic field, renovate track, resurface courts
- Library less than 50% of standard space: Konawaena HS and MS
- Cafeteria less than 50% of standard space: Honaunau, Hookena, Konawaena ES, and Ke Kula O Ehunuikaimalino
- Administration less than 50% of standard space: Konawaena MS
- More bus stops and distance learning satellites to improve attendance
- More than half of several facilities are classified as old or beyond useful life
- Konawaena HS, MS, and Ke Kula Ehunuikaimalino are over-utilized
- Honaunau ES and Hookena ES are under-utilized



Konawaena Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A New Ke Kula Ehunuikaimalino and new consolidated Honaunau/Hookena

\$\$\$\$\$

- Rebuild Honaunau campus for new combined 350-student Honaunau ES and Hookena ES
- Move Ke Kula Ehunuikaimalino to new school on Hookena site
- Relocate administrators housed on Konawaena HS to portables currently occupied by Ke Kula Ehunuikaimalino

Benefits

- Creates sustainable elementary programs with larger enrollment
- Replaces two inadequate facilities with new modern schools
- Gives Ke Kula Ehunuikaimalino its own campus and modern facilities
- Partially relieves overcrowding at Konawaena HS by 100 students while providing consolidated, collaborative space for administration

Challenges

- School closure
- 4.6 miles distance from Hookena ES to Honaunau ES
- Ke Kula Ehunuikaimalino students would no longer have immediate access to Konawaena HS facilities and programs (band, athletics, etc.)

Stakeholder Voice



1B New Ke Kula Ehunuikaimalino, new Konawaena MS, and new consolidated Honaunau/Hookena ES

\$\$\$\$\$ \$75-100M+ ● Priority 1

- Rebuild ~~Honaunau~~ **Hookena** ES campus for new combined 350-student Honaunau & Hookena ES
- Move Konawaena MS to new school on ~~Hookena~~ **Honaunau** site, and rename ~~Honaunau~~ **MS**
- Move Ke Kula Ehunuikaimalino to renovated Konawaena MS campus
- Relocate administrators housed on Konawaena HS to portables currently occupied by Ke Kula Ehunuikaimalino
- Stakeholder outreach
- Include covered rec facility in Honaunau MS plan

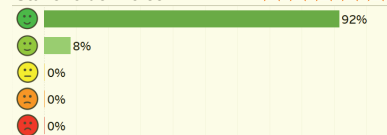
Benefits

- Creates sustainable elementary programs with larger enrollment and replaces two inadequate facilities with new modern schools
- Gives Ke Kula Ehunuikaimalino its own campus with close access to KHS facilities and programs
- Gives Konawaena MS its own campus off KHS. **Honaunau site is more centrally located and better for MS than Hookena**
- Completely relieves overcrowding at Konawaena HS while providing consolidated, collaborative space for administration

Challenges

- School closure
- 4.6 miles distance from Hookena to Honaunau

Stakeholder Voice



1C New consolidated Honaunau/Hookena ES and repurposed Hookena ES campus

\$\$\$\$\$

- Rebuild Honaunau campus for new combined 350-student Honaunau and Hookena ES
- Engage community stakeholders and businesses to determine for alternate purpose for Hookena ES site

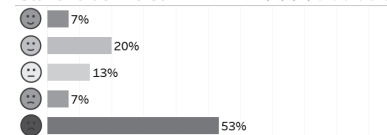
Benefits

- Creates sustainable elementary programs with larger enrollment
- Replaces two inadequate facilities with new modern schools
- Operational cost savings
- Creates potential for new community asset and/or DOE revenue

Challenges

- School closure
- 4.6 miles distance from Hookena ES to Honaunau ES

Stakeholder Voice



1D Keep current scenario

\$\$\$\$\$

- Keep Ke Kula Ehunuikaimalino in portables
- Keep Honaunau ES and Hookena ES open

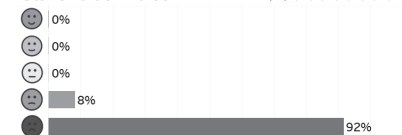
Benefits

- Avoid closing schools

Challenges

- Continue operating two elementary schools within 5 miles of each other at less than 150 students each with limited educational program and operational budget imbalance
- Ke Kula Ehunuikaimalino remains in substandard facilities
- Doesn't relieve Konawaena HS and MS crowding unless paired with Option 3 (see below)

Stakeholder Voice



Recommendation

- Create new, 21st century ES for Hookena and Honaunau communities, new MS for complex-wide middle school students, and relocate Ehunuikaimalino program to permanent facilities on the HS campus



Konawaena Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

2A K-6 and 7-8 complex-wide

\$\$\$\$\$

- Move sixth grade from Konawaena MS to Konawaena, Kahakai, Honaunau, and/or Hookena
- Construct classroom additions at Honaunau ES and Konawaena ES
- STEAM classroom maker space additions/conversions for sixth grade curriculum at Honaunau, Konawaena, and Kahakai

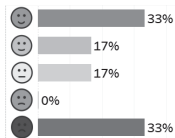
Benefits

- Relieves crowding at Konawaena MS and adjacent Konawaena HS
- Adds support for science and art programs at elementary schools

Challenges

- Staff and program realignment
- SAC concerned about social and emotional learning impact on sixth grade students

Stakeholder Voice



2B Continue current K-5 and 6-8 scenario

\$\$\$\$\$



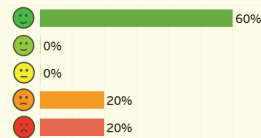
Benefits

- SAC: sixth grade social and emotional learning best at MS

Challenges

- Requires other scenarios/options to resolve overcrowding at Konawaena MS and HS

Stakeholder Voice



Recommendation

- Maintain current K-5 and 6-8 scenario



Konawaena Complex

SCENARIOS and FACILITY OPTIONS
























FACILITY OPTIONS	Benefits	Challenges	Cost	Stakeholder Voice	Category	Priority Tier
3 Konawaena HS historic renovation and additions <ul style="list-style-type: none"> Renovation of historic Buildings A and E Replace portables with permanent classrooms building(s) with STEAM classrooms and 21st century flexible collaborative spaces yielding additional 250 capacity Develop long-range campus master plan. Demo and replace cafeteria with new flexible venue for indoor/outdoor dining, library, administration, and professional learning center. Demo existing library/admin and convert to parking and community use maker space, art, music, meeting rooms Rebuild Building ## currently used for music/business and ### into 21st century maker spaces Rebuild Building F for admin, art, health, and ELL instruction 	<ul style="list-style-type: none"> Addresses overcrowding Reduces portables Supports collaborative project-based learning 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$ \$20-40M	●●●●○ HS - #6		2 ●
4 Konawaena HS new campus commons <ul style="list-style-type: none"> Combined with Option 3 	<ul style="list-style-type: none"> Spaces for project learning, assemblies, performances, and community use Teacher planning and PD space Addresses undersized cafeteria 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$ 	●●●●○ HS - #5		n/a
5 Konawaena HS visual and performing arts renovations <ul style="list-style-type: none"> Renovate Building C for visual and performing arts space 	<ul style="list-style-type: none"> Enhances visual and performing arts program 		\$\$\$\$ \$2.5-7.5M	●●●●○ HS - #7		4 ●
6 Konawaena HS auto mechanic renovations <ul style="list-style-type: none"> Renovate Building X for automotive career space 	<ul style="list-style-type: none"> Enhances career tech program 		\$\$\$\$ \$2.5-7.5M	●●●●○ HS - #4		2 ●
7 Konawaena HS land purchase and facilities for agriculture program <ul style="list-style-type: none"> Purchase land and/or construct facilities for agriculture program 	<ul style="list-style-type: none"> Enhances career tech program 		\$\$\$\$ \$20-40M	●●●●○ HS - last		5 ○
8 Konawaena HS multi-purpose space conversions <ul style="list-style-type: none"> Combined with Option 3 	<ul style="list-style-type: none"> Modern, flexible project-based learning and admin spaces Flex space for lectures 		\$\$\$\$ 	●●●●○ HS - #3		n/a
9 Traffic safety improvements (all schools) <ul style="list-style-type: none"> Kahakai ES – follow through on planned traffic and drop-off project 	<ul style="list-style-type: none"> Improves safety and parent drop-off time 		\$\$\$\$ \$500k-2.5M	●●●●○ HS/MS/ES - #8/3/4&5		1 ●
10 Kahakai ES administration and teacher collaboration space <ul style="list-style-type: none"> Add administrative and professional learning center space to Building A 	<ul style="list-style-type: none"> Corrects shortage of admin space Collaboration space for teachers 	<ul style="list-style-type: none"> No existing on-site swing space SAC: this is low priority 	\$\$\$\$ \$2.5-7.5M	●●●●○ ES - #7		5 ○
11 Konawaena ES indoor/outdoor dining/multi-purpose space <ul style="list-style-type: none"> Renovate cafeteria and construct covered multi-purpose space 	<ul style="list-style-type: none"> Upsizes cafeteria with multi-purpose facility Potential community use 		\$\$\$\$ \$2.5-7.5M	●●●●○ ES - #6		4 ●
12 Konawaena MS and Konawaena ES swap campuses <ul style="list-style-type: none"> Rebuild Konawaena MS as new 21st century Konawaena ES and vice versa 	<ul style="list-style-type: none"> Replaces old facilities with new Separate MS students from HS 		\$\$\$\$ 	●●●●○ MS-ES - last		n/a
13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$ \$7.5-20M	●●●●○ HS-MS/ES - #2/3		1 ●



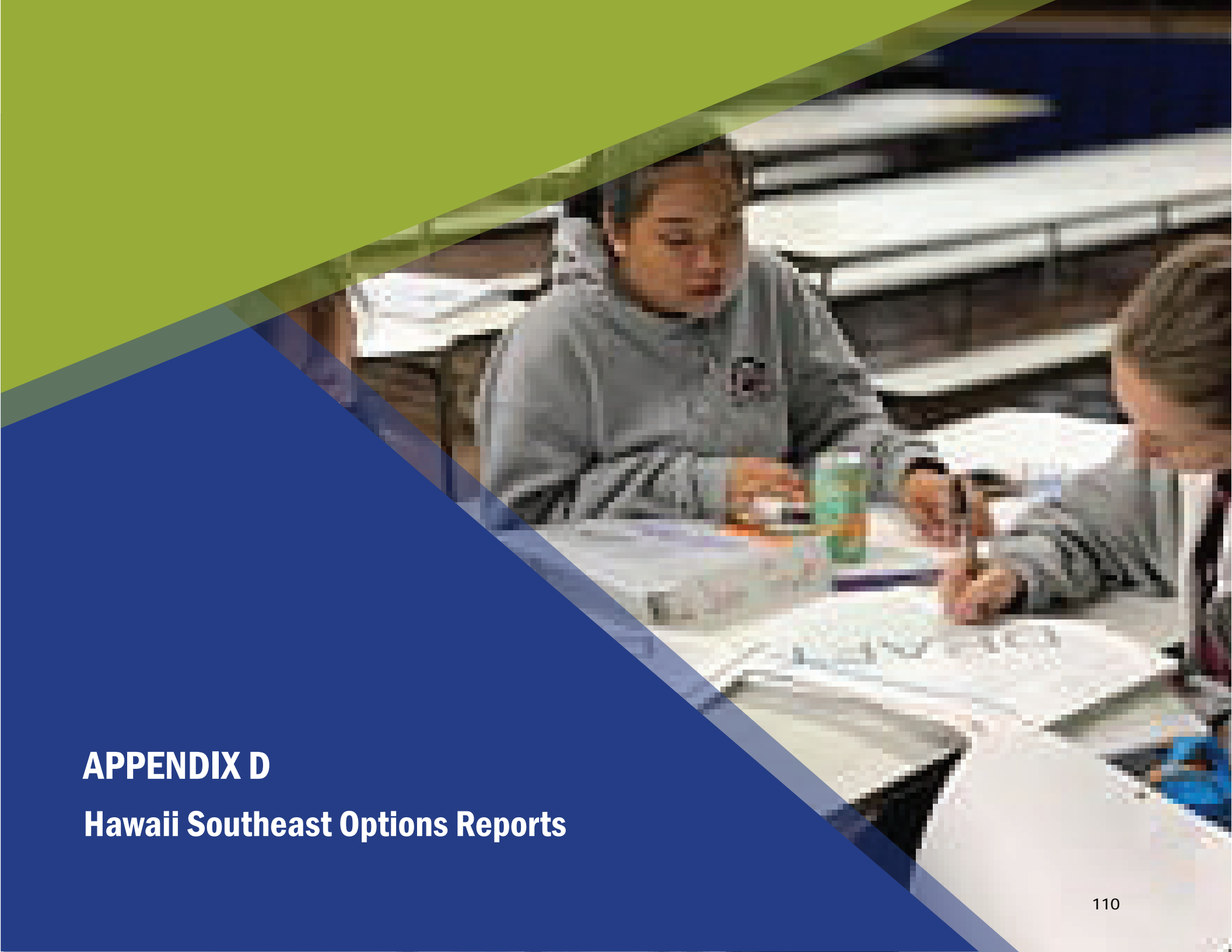
Konawaena Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost	Stakeholder Voice	Category	Priority Tier
 14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 HS-MS-ES - #1		3 
 15 Konawaena HS Athletic Master Plan projects <ul style="list-style-type: none"> Synthetic track and field, resurface courts, boys and girls athletic lockers, weight room in locker room, and outdoor field lights 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$\$ \$20-40M	 HS - #9		1 
 16 Milolii distance learning satellite facility <ul style="list-style-type: none"> Construct or lease space for distance learning EPC: Lower priority due to fewer students 	<ul style="list-style-type: none"> Improves absenteeism 		\$\$\$\$\$ \$2.5-7.5M	 ES - #2		5 
 17 District-wide electrical low-voltage upgrades (all schools)			\$\$\$\$\$ \$20-40M			1 
 18 Prioritized accessibility improvements (all schools)			\$\$\$\$\$ \$500k-2.5M			1 
 19 Furniture and equipment refresh (all schools)			\$\$\$\$\$ \$500k-2.5M			1 










APPENDIX D

Hawaii Southeast Options Reports

Hawaii Southeast District Overview

	 Hilo	 Kau	 Keaau	 Pahoa	 Waiakea
Priority 1	<ul style="list-style-type: none"> Scenario 1A: Hilo HS and IS stay on respective sites with phased reconstruction (\$\$\$\$) Scenario 2A: Hilo IS becomes 6-8 (\$\$) Option 9: Haaheo ES multi-purpose center (\$\$) Option 13: Prioritized repairs and maintenance (all schools) (\$\$) Option 16.1: Kapiolani ES bus loop and drop-off (\$\$) 	<ul style="list-style-type: none"> Scenario 1A: Kau 6-12 and Naalehu K-5 (\$\$\$\$) Option 5: Naalehu ES phased reconstruction (\$\$\$\$) Option 7: Prioritized repairs and maintenance (all schools) (\$\$) Option 8: Locally-determined enhancements (all schools) (\$) Option 9: Covered Walkways at Kau HS (\$) 	<ul style="list-style-type: none"> Scenario 1B: Mountain View ES phased reconstruction and move boundary (\$\$\$\$) Option 2: Keaau HS and MS add rooftop lighting rods (\$) Option 9.1: Keaau MS administration/PLC/STEAM community-use facility and drop-off area (\$\$\$) Option 9.2: Keaau MS parking lot expansion (\$\$) Option 11: Keaau MS electrical updates (\$\$) Option 14: Keaau ES expand pick-up/drop-off loop (\$\$\$) Option 21: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Scenario 1B: Pahoa HS/IS permanent buildings (\$\$\$) Scenario 2B: Pahoa ES permanent buildings (\$\$\$) Option 5: Pahoa ES new cafeteria (\$\$) Option 6: Keonepoko ES electrical upgrades (\$\$) Option 9: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Scenario 1B: Waiakea new elementary school; Waiakea IS replacement/additions (\$\$\$\$) Option 6: Waiakea Waena ES cafeteria addition (\$\$) Option 8: Prioritized repairs and maintenance (all schools) (\$\$)
Priority 2	<ul style="list-style-type: none"> Option 7: Hilo Union ES electrical upgrade (\$\$) Option 11.1: Kalaniana'ole K-8 demolition/replace restrooms (\$\$) 	<ul style="list-style-type: none"> Option 3.1: Kau HS athletic master plan high-priority projects (\$\$\$) 	<ul style="list-style-type: none"> Option 12: Keaau MS replace portables with permanent classroom building (\$\$\$) 	<ul style="list-style-type: none"> Option 7: Pahoa HS athletic master plan projects (\$\$\$) 	<ul style="list-style-type: none"> Option 5: Waiakea complex-wide electrical upgrades (\$\$)
Priority 3	<ul style="list-style-type: none"> Option 4.2: Hilo HS football field improvements (\$\$) 		<ul style="list-style-type: none"> Option 3: Keaau HS new synthetic field (\$\$) 	<ul style="list-style-type: none"> Option 3: Pahoa ES covered walkways (\$) 	<ul style="list-style-type: none"> Option 4: Waiakea IS/ES expand bus loop and parent drop-off (\$\$\$)
Priority 4	<ul style="list-style-type: none"> Option 5: Hilo HS and Hilo IS pedestrian bridge/tunnel across Waianuenue Avenue (\$\$) Option 8: Keaukaha ES replace Building A with a STEAM classroom building (\$\$\$) Option 10: Kaumana ES replace portables with new library, administration, and STEAM classroom building (\$\$\$) Option 11.2: Kalaniana'ole K-8 Buildings A and B STEAM renovations (\$\$) 	<ul style="list-style-type: none"> Option 2: Kau HS new STEAM classroom building (\$\$\$) Option 3.2: Kau HS athletic master plan other projects (\$\$\$) 	<ul style="list-style-type: none"> Option 5: Keaau HS vehicle drop-off improvements (\$) Option 6.2: Keaau HS aquatics facility (\$\$\$) Option 8: Keaau MS covered multi-purpose facility and walkways (\$\$) Option 20: Relocate public libraries at Mountain View ES and Keaau MS (\$\$\$) Option 22: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 4: Pahoa ES/HS/IS covered play court (\$\$) Option 10: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 2: Waiakea HS athletic master plan project Option 9: Locally-determined enhancements (all schools) (\$)
Priority 5	<ul style="list-style-type: none"> Option 4.1: Hilo HS athletic master plan projects (\$) Option 14: Locally-determined enhancements (all schools) (\$) Option 15: Work with Department of Public Safety on plan to relocate HCCC Option 16.2: Kapiolani ES STEAM renovation (\$\$) 	<ul style="list-style-type: none"> Option 4: Kau HS or Naalehu ES dormitory (\$\$\$) 	<ul style="list-style-type: none"> Option 6.1: Keaau HS performing arts center (\$\$\$) 	<ul style="list-style-type: none"> Option 8: Build a HS performing arts center (\$\$\$) 	



Hilo Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Hilo High (9-12)	1136 / 1261 / 11%	1070	-191	1.18	1922 / 2014 / 53	50%	0.79 / 48
	Hilo Intermediate (7-8)	506 / 489 /-3%	598	109	0.82	1929 / 1993 / 72	69%	0.81 / 38
	Kalaniana'ole Elementary & Intermediate (K-8)	328 / 360 / 10%	354	-6	1.02	1921 / 1980 / 71	66%	0.81 / 31
	de Silva Elementary (K-6)	450 / 472 / 5%	404	-68	1.17	1959 / 2011 / 53	93%	0.57 / 227
	Ha'aheo Elementary (K-6)	197 / 190 / -4%	154	-36	1.23	1931 / 1973 / 69	84%	0.40 / 259
	Hilo Union Elementary (K-6)	417 / 461 / 11%	453	-8	1.02	1912 / 1976 / 81	64%	0.61 / 188
	Kapi'olani Elementary (K-6)	351 / 368 / 5%	489	121	0.75	1920 / 1990 / 83	100%	0.58 / 217
	Ka'ūmana Elementary (K-6)	285 / 307 / 8%	280	-27	1.10	1938 / 1992 / 40	21%	0.49 / 250
	Keaukaha Elementary (K-6)	433 / 460 / 6%	406	-54	1.13	1930 / 1982 / 58	76%	0.57 / 226
	TOTAL	4,368	4,208	-160	1.04		69%	0.63

Stakeholder Voice:



The classrooms get over 90 degrees. I don't know how they expect us to learn! - Student

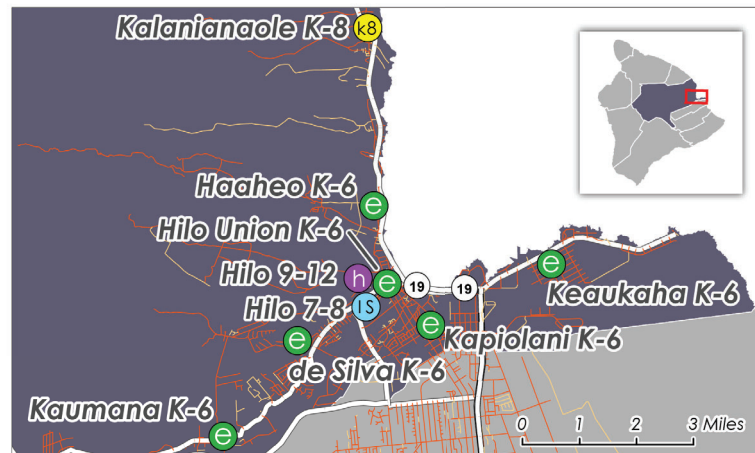
We're always getting wet when it rains. - Student

The UH system is interested in establishing more partnerships with the DOE. Let's share our faculty and your facilities, especially in remote rural areas. - UH Community College Chancellor



If you push your elbow too hard into the wall, it'll go right through. - Principal

Sure, we'd like to have a covered play court, but what we really need are new bathrooms. - Administrator



Challenges:



- 11% enrollment growth at Hilo HS
- Kapiolani ES 222 of 456 (49%) students GE out or attend charter
- Net GEs cause school to exceed capacity (de Silva 86, Keaukaha 150, Haaheo 52)



- Moderate flood risk: 100% of site in extreme tsunami zone (Keaukaha ES and Kapiolani ES)



- More than 2/3 of buildings are old or beyond expected life



- Capacity over-utilization at Haaheo ES
- Capacity under-utilization at Kapiolani ES
- More than 25% of capacity in portables (Keaukaha ES, Haaheo ES)



- Industrial arts less than 50% of standard space: Hilo IS



- Science less than 50% of standard space: Hilo HS
- No science rooms at most elementary schools



- Music less than 50% of standard space: Hilo HS, Kalaniana'ole ES/IS
- No music or art rooms at most elementary schools



- Locker/shower less than 50% of standard space: Hilo IS, Kalaniana'ole ES/IS
- Resurface courts, training room



- Library less than 50% of standard space: Hilo IS, Kapiolani ES, de Silva ES, Keaukaha ES



- Cafeteria less than 50% of standard space: Hilo HS, Hilo Union ES, Kaumana ES, de Silva ES, Kapiolani ES, Haaheo ES



- Admin less than 50% of standard space: de Silva ES



- Regional Special Education specialty center for professional development and life skills instruction





Hilo Complex

SCENARIOS and FACILITY OPTIONS

SCENARIOS

1A Hilo HS and IS stay on respective sites with phased reconstruction

\$\$\$\$\$ \$40-75M ● Priority 1

- Develop site master plans for Hilo HS/IS
- Perform renovations and selective demolition and construction of multi-story buildings to net additional ### capacity
- Create collaborative, project-based educational spaces and open greenspace
- Phasing plan could begin construction on Hilo IS parking lot or fields
- Repurpose annex for educational use (e.g., 9th grade team or CTE) or parking lot

Benefits

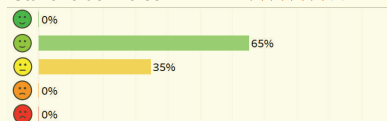
- Relieves over-crowding at Hilo HS
- Provides new, modern learning environments for Hilo MS and HS students
- Addresses outdated buildings in poor condition
- Does not require new land acquisition
- Improves traffic safety and flow
- Creates additional greenspace

Challenges

- Operational disruption of extended construction on occupied sites
- If Hilo IS becomes a 6-8, that would add crowding to an already crowded site
- If annex used for education, would create a long walk-time between it and the main campus

Stakeholder Voice

★★★★★



1B New Hilo IS on new site; Hilo HS expands onto Hilo IS site

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- Acquire new land and construct new #### student Hilo IS
- Perform selective demolition and reconstruction of the current Hilo IS campus for expanded Hilo HS facilities and fields
- Consider tunnel/bridge to connect campus

Benefits

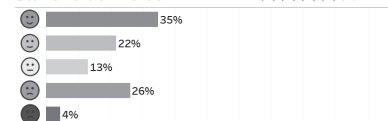
- Relieves over-crowding and traffic at Hilo HS
- Provides new, modern learning environments for Hilo MS and HS students and would facilitate the conversion to a 6-8 configuration
- Addresses outdated buildings in poor condition
- New construction off site creates swing space that reduces operational disruption of phased reconstruction
- Rebuilt IS site could house specialty high-demand program(s)

Challenges

- Land acquisition time/cost
- Hilo HS would be dangerously split by busy Waianuenue Avenue
- ADA challenges for commuting across the street
- Maintaining inclusiveness on "separate" campuses

Stakeholder Voice

★★★★★



1C New Hilo IS on Kapiolani site; Hilo HS expands onto Hilo IS site

\$\$\$\$\$

- Same as Scenario 1B, except instead of acquiring new site, vacate Kapiolani ES campus and construct new #### student Hilo IS
- Make ES attendance boundary adjustments
- Perform selective demolition and reconstruction of the current Hilo IS campus for expanded Hilo HS facilities and fields
- Consider tunnel/bridge to connect campus

Benefits

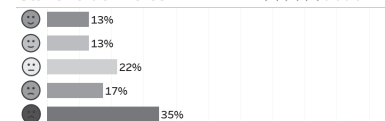
- No land acquisition time/cost
- Relieves over-crowding at Hilo HS
- Provides new, modern learning environments for Hilo MS and HS students
- Addresses outdated buildings in poor condition
- New construction off site creates swing space that reduces operational disruption of phased reconstruction
- Rebuilt IS site could house specialty high-demand program(s)

Challenges

- Kapiolani ES consolidation
- Hilo HS would be dangerously split by busy Waianuenue Avenue
- Part of Kapiolani ES site is in tsunami zone
- Swing space during construction (neighboring schools currently over-utilized)
- Potential for growth in Lanakila homes project
- Study if closure would have disproportionate impact on students based on SES

Stakeholder Voice

★★★★★



1D New Hilo HS; Hilo IS moves onto Hilo HS site; Hilo IS site repurposed

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- Acquire new land and construct new #### student Hilo HS
- Perform selective demolition and reconstruction of the current Hilo HS campus for new Hilo IS facilities and fields
- Repurpose current Hilo IS site for land swap or educational and/or revenue-generating use
- Potential use could include shared district-wide Special Education Professional Development Center

Benefits

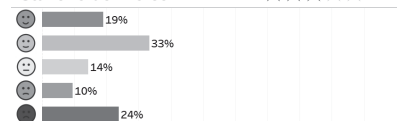
- Relieves over-crowding at Hilo HS
- Provides new, modern learning environments for Hilo MS and HS students
- Addresses outdated buildings in poor condition.
- New construction off site creates swing space that reduces operational disruption of phased reconstruction
- Current Hilo IS site creates opportunity for educational and/or revenue-generating use

Challenges

- Land acquisition time/cost
- Moving the high school from its historic location

Stakeholder Voice

★★★★★



Recommendation

- Renovates and rebuilds crowded, aging facilities at Hilo S and HS while freeing up space at area ES for Pre-K and other renovations



Hilo Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

2A Hilo IS becomes 6-8

\$\$\$\$\$ \$2.5-7.5M ● Priority 1

- Grade reconfiguration in conjunction with scenarios 1A-1D
- Reassign 6th grade from crowded elementary schools to Hilo IS
- Review boundaries and GE process impacting current 6th-8th grade school choices

Benefits

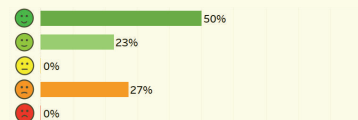
- Relieves overcrowding at Hilo complex elementary schools without ES additions
- All Hilo complex students would benefit from new/rebuilt IS facilities starting in 6th grade instead of 7th
- 6th grade instructional requirements are more similar to 7-8th grade requirements than those for ES

Challenges

- Grade reconfiguration requires operational planning and staff development
- Overcrowding if Hilo IS remains in its current location
- Need for facility upgrades if on current site

Stakeholder Voice

★★★★★



2B Hilo IS stays 7-8

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- Hilo IS remains 7-8 and Hilo complex elementary schools remain K-6
- Construct # elementary school classroom additions for total of ### additional capacity, to include new STEAM, Special Education, and Pre-K classrooms for enhanced instruction
- May require attendance boundary adjustments to balance capacity utilization

Benefits

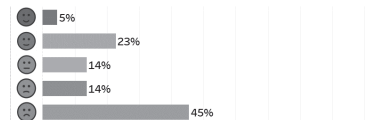
- No operational changes
- Additions relieve overcrowding at Hilo complex elementary schools
- New, modern specialized spaces for enhanced elementary STEAM and Special Education instruction

Challenges

- Cost of multiple additions would exceed cost of same capacity at one IS site
- Attendance boundary adjustment

Stakeholder Voice

★★★★★



Recommendation





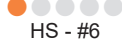




































- Renovates and rebuilds crowded, aging facilities at Hilo Int and HS while freeing up space at area ES for PreK and other renovations



Hilo Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 3 Hilo HS new educational buildings <ul style="list-style-type: none"> Replace old, outdated buildings (e.g., Buildings A and M) beyond expected life with new/renovated multi-story buildings for flexible, collaborative spaces for science, arts, and CTE. Use plot behind Building R, replacing alternative education and CTE buildings and/or replacing the old gym. 	<ul style="list-style-type: none"> Removes outdated buildings New, modern environments Opens up space for athletics and agricultural education 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$\$	 HS - #1		n/a
 4.1 Hilo HS athletic master plan projects <ul style="list-style-type: none"> Resurface courts, training room 	<ul style="list-style-type: none"> 2016 Statewide Athletic Master Plan 		\$\$\$\$\$\$ 500k-2.5M	 HS - #6		5 
 4.2 Hilo HS football field improvements			\$\$\$\$\$\$ 2.5M-7.5M			3 
 5 Hilo HS and Hilo IS pedestrian bridge/tunnel across Waianuenue Avenue	<ul style="list-style-type: none"> Pedestrian safety 		\$\$\$\$\$\$ 2.5M-7.5M	 HS/MS - #5/4		4 
 6 Hilo IS CTE/home economics renovation <ul style="list-style-type: none"> Consider locating in Building L Demolish Building B Included in Scenario 1A 	<ul style="list-style-type: none"> Creates new, flexible learning environments 		\$\$\$\$\$\$	 MS - #3		n/a
 7 Hilo Union ES electrical upgrade <ul style="list-style-type: none"> Increase capacity of current electrical system In design stage 	<ul style="list-style-type: none"> Allows for AC use alongside use of electronics in classrooms 		\$\$\$\$\$\$ 2.5M-7.5M	 ES - #3		2 
 8 Keaukaha ES replace Building A with a STEAM classroom building	<ul style="list-style-type: none"> Modern, flexible spaces Eliminates liability of old buildings 		\$\$\$\$\$\$ 20M-40M	 ES - #6		4 
 9 Haaheo ES multi-purpose center <ul style="list-style-type: none"> \$2.4 million already allocated for a new multi-purpose center In progress and fully/partially funded 	<ul style="list-style-type: none"> Creates new, flexible use space 		\$\$\$\$\$\$ 2.5M-7.5M	 ES - last		1 
 10 Kaumana ES replace portables with new library, administration, and STEAM classroom building <ul style="list-style-type: none"> Replace aging portables with multi-purpose teaching, library and administration space Include two to four STEAM classrooms for art and science instruction 	<ul style="list-style-type: none"> Creates new, flexible learning environments Provides space for teacher collaboration Relieves over-crowding 		\$\$\$\$\$\$ 20M-40M	 ES - #5		4 
 11.1 Kalaniana'ole K-8 renovate Buildings A and B <ul style="list-style-type: none"> Create new STEAM classrooms and core classrooms Include bathroom renovations 	<ul style="list-style-type: none"> Creates new, flexible learning environments 		\$\$\$\$\$\$ 2.5M-7.5M	 ES - #8		2 
 11.2 Kalaniana'ole K-8 buildings A and B STEAM renovations <ul style="list-style-type: none"> Include bathroom renovations 			\$\$\$\$\$\$ 2.5M-7.5M	 ES - #8		4 



Hilo Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	12 District-wide mild-moderate Special Education job and life skills training center <ul style="list-style-type: none"> Renovate two to four classrooms at a school for simulated work environment for job and life skills training Program design study 	<ul style="list-style-type: none"> Provides Special Education students real-world learning environments for life and work preparation 	<ul style="list-style-type: none"> Transportation 	\$\$\$\$\$	●●●●● HS/MS/ES - #3		n/a
	13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ 7.5M-20M	●●●●● HS/MS/ES - #2/1/1		1 ●
	14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects. 	\$\$\$\$\$ 500k-2.5M	●●●●● HS/MS/ES - #4/2/2		5 ○
	15 Work with Department of Public Safety on plan to relocate HCCC <ul style="list-style-type: none"> Work with appropriate agencies to relocate the correctional center away from the current HS/IS 	<ul style="list-style-type: none"> Safety: currently 0.3 miles from IS/HS sites 		\$\$\$\$\$	●●●●● HS – last		5 ○
	16.1 Kapiolani ES bus loop and drop-off	<ul style="list-style-type: none"> Pedestrian safety Modern, flexible spaces 		\$\$\$\$\$ 2.5M-7.5M	●●●●● ES - #4/7		1 ●
	16.2 Kapiolani ES STEAM renovation			\$\$\$\$\$ 2.5M-7.5M	●●●●● ES - #4/7		5 ○



Waiakea Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Waiakea High (9-12)	1134 / 1394 / 23%	1480	86	0.94	1977 / 1998 / 36	2%	0.83 / 22
	Waiakea Intermediate (6-8)	777 / 1042 / 34%	927	-115	1.12	1939 / 1991 / 49	71%	0.73 / 92
	Waiakea Elementary (K-5)	795 / 986 / 24%	828	-158	1.19	1963 / 1993 / 43	45%	0.64 / 162
	Waiakeawaena Elementary (K-5)	670 / 808 / 21%	734	-74	1.10	1952 / 1975 / 53	50%	0.61 / 196
	TOTAL	4,230	3,969	-261	1.07		42%	0.70

Stakeholder Voice:

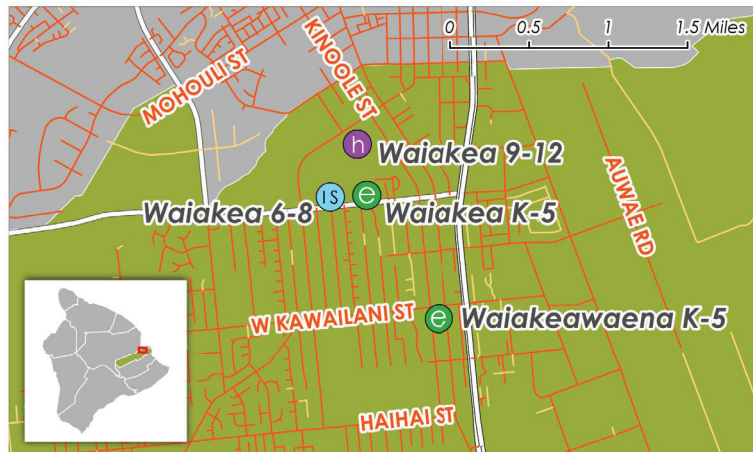


My company wants to work with high school students on real world projects like we do with UH students, but policies are standing in the way. - Local Business Leader



The power infrastructure is so weak that we have to choose whether to plug in the fan so we don't die of heat, or use the projector to teach with. - Principal

Once you have to drop off and pick up multiple kids at different schools every day, you'll understand how dangerous the traffic is. School 'road rage' is real. - Parent



Challenges:



- 21%-34% enrollment growth at all Waiakea complex schools



- Many buildings beyond expected useful life: Waiakea IS, Waiakeawaena ES



- Capacity over-utilization at all schools except Waiakea HS



- Family and consumer science less than 50% of standard space: Waiakea IS



- Science less than 50% of standard space: Waiakea IS
- No science rooms at elementary schools



- Art less than 50% of standard space: Waiakea IS
- No music rooms at elementary schools



- PE lockers less than 50% of standard space: Waiakea IS
- Resurface courts, athletic lockers



- Library less than 50% of standard space: Waiakea IS, Waiakea ES



- Cafeteria less than 50% of standard space: Waiakea IS, Waiakeawaena ES



- Admin less than 50% of standard space: Waiakeawaena ES



- Regional Special Education specialty center for professional development and life skills instruction



Waiakea Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Waiakea intermediate and elementary classroom additions

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- Keep current operational scenario with one intermediate school 6-8 and two elementary schools K-5
- Replace **portables** and build new classroom additions at Waiakea IS and both elementary schools to include STEAM, Special Education, and collaborative flexible spaces to net 350 additional capacity
- **Increase parking capacity**

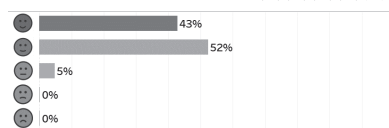
Benefits

- Relieves over-utilized intermediate and elementary schools
- Provides new specialized classrooms while replacing portables
- No operational changes to implement

Challenges

- Large schools may be challenging to manage. Enrollments will range from 808 to 1042 at each ES and Int school by 2023-24.
- Would adversely impact adequacy of already undersized core spaces such as cafeterias, libraries, and administration
- **Extended construction during school operations**

Stakeholder Voice



1B Waiakea new elementary school; Waiakea IS additions

\$\$\$\$\$ \$40M-75M ● Priority 1

- Acquire land and construct 750 student elementary school
- Redraw ES boundaries to balance capacity utilization at three ~750 student schools
- Replace/build new classroom additions at Waiakea IS to include STEAM, SPED, and collaborative flexible spaces to net 125 additional capacity
- **Need to determine if new boundaries will include current Hilo Complex boundaries**

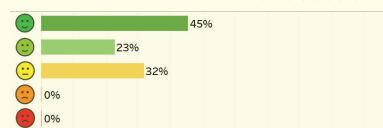
Benefits

- Relieves over-utilized intermediate and elementary schools
- Keeps elementary schools from operating above 1,000 enrollment
- Reduced traffic concentration
- **Creates additional greenspace**
- **21st century educational spaces**

Challenges

- Land acquisition time/cost
- Attendance boundary adjustment
- **Unknown impact on GE applications**
- Inequity between new ES and older two ES

Stakeholder Voice



1C Waiakea new ES; Waiakea complex goes K-6 and 7-8

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- Similar to 1B, with grade reconfiguration to K-5 ES and 6-8 IS
- Acquire land and construct 850 student elementary school
- Redraw ES boundaries to balance capacity utilization at three ~850 student schools
- Replace/build new classroom additions at Waiakeawaena ES to include STEAM, Special Education, and collaborative flexible spaces to net 125 additional capacity
- **SAC: consider 7-9 configuration**

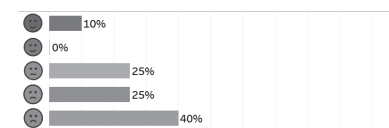
Benefits

- Relieves over-utilized intermediate and elementary schools
- Keeps elementary schools from operating above 1,000 enrollment
- No major construction required at Waiakea IS
- Reduced traffic concentration
- **Could benefit students developmentally**

Challenges

- Land acquisition time/cost
- Attendance boundary adjustment
- Inequity between new ES and older two ES
- **Curriculum challenge to move 6th grade teachers to elementary schools**

Stakeholder Voice



Recommendations































- Renovates and rebuilds crowded, aging facilities at Waiakea Int and ES while improving traffic safety and flow on campus



Waiakea Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 2 Waiakea HS athletic master plan projects <ul style="list-style-type: none"> Resurface courts, athletic lockers 	<ul style="list-style-type: none"> Creates modern, flexible learning environments Eliminates liability for old buildings in poor condition 		\$\$\$\$\$ 2.5M-7.5M	 HS – last		4 
 3 Waiakea IS new classroom and STEAM buildings <ul style="list-style-type: none"> Replace buildings A, B, D, E, and F with new facility(ies) Include new STEAM classrooms Separate 6th and 7th-8th grade populations Included in Scenario 1A 	<ul style="list-style-type: none"> Creates modern, flexible learning environments Eliminates liability for old buildings in poor condition 		\$\$\$\$\$	 ES - #4		n/a
 4 Waiakea IS/ES expand bus loop and parent drop-off <ul style="list-style-type: none"> Widen covered waiting area Expand parking into adjacent field Lengthen and/or change narrow bus loop and parent drop-off area Add school crossing signs to W. Puainako Street 	<ul style="list-style-type: none"> Reduces traffic back-up on W. Puainako St. Improves safety 		\$\$\$\$\$ 20M-40M	 MS – #3		3 
 5 Waiakea complex-wide electrical upgrades <ul style="list-style-type: none"> SAC-edited option: replaces former options specifying upgrades only at Waiakea IS, Waiakea ES and Waiakeawaena ES Increase capacity of current electrical system 	<ul style="list-style-type: none"> Allows for air conditioning use alongside use of electronics in classrooms 		\$\$\$\$\$ 2.5M-7.5M	 ES - #1		2 
 6 Waiakea ES cafeteria addition	<ul style="list-style-type: none"> Expands current cafeteria which is less than 50% of standard size 		\$\$\$\$\$ 2.5M-7.5M	 ES - #3		1 
 7 District-wide mild-moderate Special Education job and life skills training center <ul style="list-style-type: none"> Renovate two to four classrooms at a school with capacity for a simulated work environment for job and life-skills training 	<ul style="list-style-type: none"> Provides Special Education students real-world learning environments for life and work preparation 	<ul style="list-style-type: none"> Transportation 	\$\$\$\$\$	 HS/MS/ES - #2		n/a
 8 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ 7.5M-20M	 HS/MS/ES - #1/2/2		1 
 9 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ 500k-2.5M	 HS/MS/ES - #3/4/4		4 



Kau Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Ka'ū High & Pāhala Elementary (K-12)	496 / 465 /-6%	592	127	0.79	1881 / 2000 / 77	64%	0.65 / 145
	Nā'ālehu Elementary (K-6)	388 / 378 /-3%	364	-14	1.04	1928 / 2011 / 63	71%	0.52 / 240
	TOTAL	843	956	113	0.88		67%	0.59

Stakeholder Voice:



The kids like to stay on campus until 6:30 pm because it's safer and there's grass. - Kau HS and Pahala ES Representative

Thank goodness it was my daughter who fell through the floor. - Kau HS and Pahala ES Representative

Some families wait to send their kids to school until they're 7 years old. We keep our classes hovering around 20 because 3rd graders are only in their second year of school. Children are not ready. They are behind.

- Naalehu ES Representative

Getting kids to school is another big problem besides getting facility needs.

- Naalehu ES Representative

Main building is sinking in certain areas. I have to put my legs around the desk to stay still because my chair slides off.

- Naalehu ES Principal



Challenges:



• Libraries less than 50% of standard space



• Cafeterias less than 50% of standard space



• More than 2/3 of buildings are old or beyond expected life

• No science rooms at Naalehu
• Art less than 50% of standard space: Kau HS and Pahala ES
• No music or art rooms at Naalehu

• Transportation distances



• More than 25% of capacity in portables (Naalehu)

• New track, athletic lockers



Kau Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Kau 6-12 and Naalehu K-5

\$\$\$\$\$ \$20-40M ● Priority 1

- Move all area K-5 students to Naalehu
- Move all 6th graders from Naalehu to Kau as a 6-12 campus
- Renovate ES for MS grades
- See Option 5 for capital project at Naalehu ES

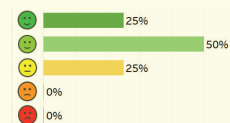
Benefits

- Concentrates ES education in one area location
- Allows the HS campus to focus on MS and HS education
- Does not necessarily require capital investments though Naalehu has significant condition needs and will need major renovations or building replacement in the near future
- Equity and consistency across the grade levels
- Helps with MS transition, builds camaraderie from the beginning
- K-12 stays together
- Funding concentrated by grade level

Challenges

- Changing grade configurations
- Transportation challenges, need more buses
- Community outreach needed

Stakeholder Voice



1B Kau 9-12 and Naalehu K-8

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- Build new building for MS education on Naalehu site
- Move all Kau/Pahala K-8th grade students to new building at Naalehu site

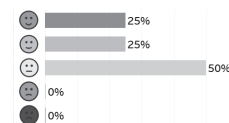
Benefits

- Provides new facility for MS education
- Allows the HS campus to focus on HS education

Challenges

- Creates a small HS campus and **reduces funding**
- Gifted and Talented Instruction
- Separating ES and MS
- More students on already impacted Naalehu ES campus

Stakeholder Voice



1C New Oceanview K-5, Kau 6-12, and Naalehu ES K-5

\$\$\$\$\$

- Move Pahala ES program to Naalehu
- Acquire new site through direct purchase or land swap
- Redraw ES boundaries between Naalehu ES and new ES at Oceanview

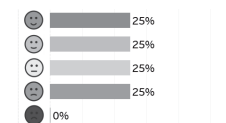
Benefits

- Provides a new area ES near local population center
- Reduced transportation
- Increases access and attendance

Challenges

- Land acquisition time/cost
- Site infrastructure limited at Oceanview
- Potential lava risk
- Staffing

Stakeholder Voice



1D Keep current operational scenario

\$\$\$\$\$

- Continue operating schools in their current configurations and locations: Kau HS and Pahala ES remains K-12 and Naalehu ES remains K-6

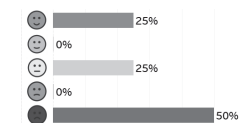
Benefits

- No changes to implement

Challenges

- Many students live in/around Oceanview with some facing challenges commuting to school (attendance)
- Small ES programs distributed between Pahala ES and Naalehu ES
- Staffing
- Transportation
- Funding spread too thin
- Have to have large class sizes due to staffing and challenges

Stakeholder Voice



Recommendation

- Build a new school on the Naalehu site to educate all area PK-5 students and renovate current Kau site to include MS STEAM rooms for all area 6-8 students.



Kau Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2 Kau HS new STEAM classroom building <ul style="list-style-type: none"> Reconstruct outdated 1881 and 1909 buildings and principal's cottage as two-story ## classroom building equipped with specialized STEAM, Special Education, and CTE spaces 	<ul style="list-style-type: none"> Removes outdated buildings New, modern environments 		\$\$\$\$ 20M-40M	●●●●● #4		4
3.1 Kau HS athletic master plan high-priority projects <ul style="list-style-type: none"> Locker rooms, new track, field renovation, wrestling and training room 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$ 20M-40M	●●●●● #3		2
3.2 Kau HS athletic master plan other projects <ul style="list-style-type: none"> Locker rooms, new track, field renovation, wrestling and training room 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$ 20M-40M	●●●●● #3		4
4 Kau HS or Naalehu ES dormitory <ul style="list-style-type: none"> Repurpose or build new facilities for student and instructor dormitories 	<ul style="list-style-type: none"> Creates boarding opportunity for needy students traveling long distances to school 		\$\$\$\$ 20M-40M	●●●●● #8 last		5
5 Naalehu ES phased reconstruction <ul style="list-style-type: none"> Develop site master plan and perform phased selective demolition and reconstruction of school to enhance Pre-K, Special Education, and STEAM programs with flexible, collaborative spaces Include Pre-K and severe equipment, capacity ~600 	<ul style="list-style-type: none"> Replaces outdated buildings Removes exposure to heat and vog New, modern environments 		\$\$\$\$ 40M-75M	●●●●● #5 tie		1
6 Naalehu ES new Pre-K facility <ul style="list-style-type: none"> Construct new 4-6 classroom Pre-K/early childhood building Included in Option 5 	<ul style="list-style-type: none"> Serves community high need for early education New, modern environments 		\$\$\$\$ 	●●●●● #5 tie		n/a
7 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$ 7.5M-20M	●●●●● #1 tie		1
8 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ 500k-2.5M	●●●●● #5 tie		1
9 Covered Walkways at Kau HS <ul style="list-style-type: none"> Build covered walkways at Kau HS following renovations/new construction projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ 500k-2.5M	●●●●● #1 tie		1



Keaau Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kea'au High (9-12)	1030 / 1132 / 10%	1052	-80	1.08	1999 / 1999 / 19	0%	0.87 / 6
	Kea'au Middle (6-8)	697 / 745 / 7%	862	117	0.86	1962 / 2013 / 31	17%	0.78 / 55
	Kea'au Elementary (K-5)	897 / 940 / 5%	780	-160	1.21	1996 / 1996 / 22	0%	0.71 / 107
	Mountain View Elementary (K-5)	502 / 506 / 1%	543	37	0.93	1931 / 1999 / 38	22%	0.61 / 202
	TOTAL	3,323	3,237	-86	1.03		10%	0.74

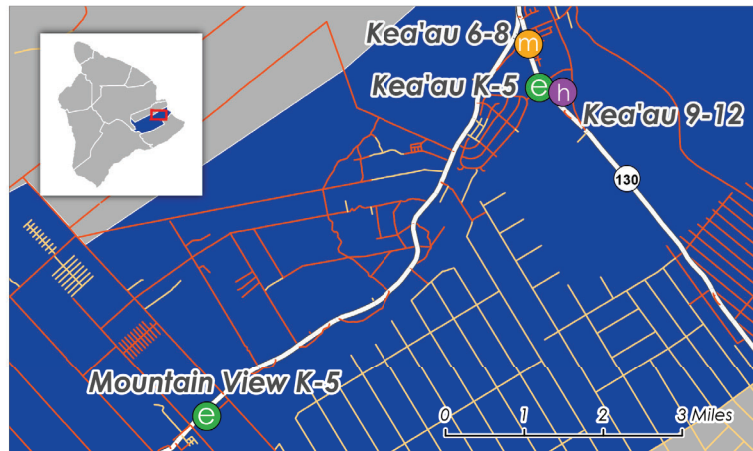
Stakeholder Voice:



If you push your elbow too hard into the wall, it'll go right through. - Principal

Sure, we'd like to have a covered play court, but what we really need are new bathrooms. - Administrator

Our school is in remote areas with low income communities like ours, it's important to consider the needs of the community. - Contributor



Challenges:



- 10% enrollment growth at Keaau HS
- Mountain View ES 365 of 778 (47%) students GE out or attend charter



- Some buildings beyond expected useful life at Mountain View ES



- Capacity over-utilization at Keaau HS and Keaau ES
- More than 25% of capacity in portables: Mountain View ES



- Industrial Arts and family and consumer science less than 50% of standard space: Keaau MS



- No science rooms at Mountain View ES



- Music less than 50% of standard space: Keaau HS
- Art less than 50%: Keaau MS
- No music or art rooms at ES



- New synthetic field



- Library less than 50% of standard space: Keaau MS, Mountain View ES



- Cafeterias less than 50% of standard space



Keaau Complex

SCENARIOS and FACILITY OPTIONS

































SCENARIOS	
<p>1A Keep current operational scenario</p> <p>\$\$\$\$\$</p> <ul style="list-style-type: none"> All Keaau schools continue to operate within same grade configurations (K-5, 6-8, 9-12) and on same campuses <p>Benefits</p> <ul style="list-style-type: none"> No changes to implement <p>Challenges</p> <ul style="list-style-type: none"> Without additional capacity, this scenario implies moderate capacity over-utilization at Keaau HS (108%) and significant crowding at Keaau ES (121%) <p>Stakeholder Voice ★★★★★</p> <p>Recommendation</p> <ul style="list-style-type: none"> Create new 21st century ES for Mountain View ES students and balance enrollment between Mountain View ES and Keaau ES through a boundary change 	<p>1B Mountain View ES phased reconstruction and move boundary</p> <p>\$\$\$\$\$ \$40M-75M ! ● Priority 1</p> <ul style="list-style-type: none"> SAC-created option Rebuild or renovate Mountain View ES, adding 200+ seats Change boundaries between Keaau ES and Mountain View ES to relieve over-crowding at Keaau ES <p>Benefits</p> <ul style="list-style-type: none"> Provides new learning environments to area students attending Mountain View ES Relieves over-crowding at Keaau ES Improves safety for students at Mountain View ES (further from road) <p>Challenges</p> <ul style="list-style-type: none"> Boundary change <p>Stakeholder Voice ★★★★★</p>



Keaau Complex

SCENARIOS and FACILITY OPTIONS






























FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 2 Keaau HS and MS add rooftop lighting rods <ul style="list-style-type: none"> Three lightning strikes recorded within five years EPC5 addition 	<ul style="list-style-type: none"> Improves safety 		\$\$\$\$\$ 500k-2.5M	 HS - #4		1 ●
 3 Keaau HS new synthetic field <ul style="list-style-type: none"> Project defined in 2016 Statewide Athletic Master Plan 	<ul style="list-style-type: none"> Improves athletic program 		\$\$\$\$\$ 2.5M-7.5M	 HS – last		3 ●
 4 Keaau HS expand bus loop and parent drop-off <ul style="list-style-type: none"> Refer to Option 14 	<ul style="list-style-type: none"> Reduces traffic on Keaau-Pahoa Road Improves safety 		\$\$\$\$\$ 	 HS - #7		n/a
 5 Keaau HS vehicle drop off improvements <ul style="list-style-type: none"> EPC5 correction 	<ul style="list-style-type: none"> Meets ADA compliance 		\$\$\$\$\$ 500k-2.5M	 HS - #4		4 ●
 6.1 Keaau HS performing arts center <ul style="list-style-type: none"> (Note: need to confirm scope of phases not constructed from original design) 			\$\$\$\$\$ 20M-40M	 HS - #2		5 ○
 6.2 Keaau HS aquatics facility <ul style="list-style-type: none"> Must collaborate with county 			\$\$\$\$\$ 20M-40M	 HS - #2		4 ●
 7 Keaau MS expand bus loop and parent drop-off	<ul style="list-style-type: none"> Reduces traffic on Keaau-Pahoa Road Improves safety 		\$\$\$\$\$ 	 MS - #6		n/a
 8 Keaau MS covered multi-purpose facility and walkways <ul style="list-style-type: none"> Construct covered outdoor venue for dining, assemblies, performances, and community use Covered multi-purpose facility and covered walkways 	<ul style="list-style-type: none"> Creates sheltered areas for play and informal educational activities 		\$\$\$\$\$ 2.5M-7.5M	 MS - #9		4 ●
 9.1 Keaau MS administration/PLC/STEAM community-use facility and drop-off area <ul style="list-style-type: none"> Two stories For joint complex area superintendent's office, school admin, PLC, science and art instruction, and community use Demolish Buildings B (condemned), D, E, and G 	<ul style="list-style-type: none"> Creates flexible use administrative, student and community-use facility Collaboration among administrators, teachers and the community Provides modern, flexible learning environments for science and art Eliminates liability for old and condemned buildings 		\$\$\$\$\$ 20M-40M	 HS - #8		1 ●
 9.2 Keaau MS parking lot expansion			\$\$\$\$\$ 2.5M-7.5M	 HS - #8		1 ●



Keaau Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	10 Keaau MS gym <ul style="list-style-type: none"> SAC-created option Reference Option 8 			\$\$\$\$\$	 MS - #6		n/a
	11 Keaau MS electrical updates <ul style="list-style-type: none"> SAC-created option Ongoing project 			\$\$\$\$\$ 2.5M-7.5M	 MS - #1		1 
	12 Keaau MS replace portables with permanent classroom building <ul style="list-style-type: none"> SAC-created option 			\$\$\$\$\$ 20M-40M	 MS - #4		2 
	13 Plan for a second middle school in/around Uka <ul style="list-style-type: none"> SAC-created option Monitor growth in the area and plan for new construction as the population grows If warranted, initiate site selection and pre-design activities. 	<ul style="list-style-type: none"> Provides new learning environments 	<ul style="list-style-type: none"> Current Keaau MS is projected to have a surplus of over 100 seats through 2023-24; new capacity is not projected to be needed 	\$\$\$\$\$	 MS – last		n/a
	14 Keaau ES expand pick-up/drop-off loop <ul style="list-style-type: none"> SAC-created option Include traffic study 	<ul style="list-style-type: none"> Improves safety and time for pick-up and drop-off 	<ul style="list-style-type: none"> Limited room for additional capacity on site 	\$\$\$\$\$ 20M-40M	 ES - #4		1 
	15 Keaau ES additional classroom buildings <ul style="list-style-type: none"> SAC-created option Create new capacity to reduce over-utilization of existing capacity Capacity addressed by Scenario 1B 	<ul style="list-style-type: none"> Provides relief to over-utilized facility 	<ul style="list-style-type: none"> Limited room for additional capacity on site 	\$\$\$\$\$	 ES - #7		n/a
	16 Mountain View ES phased reconstruction <ul style="list-style-type: none"> SAC-created option Rebuild the campus over time Separate the public library and school with separate entrances Electric system updates Create outdoor play area for upper elementary students Relocate school further away from Highway 11 Included in Scenario 1B (plus new drop off and negotiate with country about library) 	<ul style="list-style-type: none"> Improves campus condition Provides new, flexible learning environments Improves campus safety 		\$\$\$\$\$	 ES - #2		n/a
	17 Mountain View ES build new library <ul style="list-style-type: none"> Convert existing library to dual-purpose administration and STEAM classroom use Demolish Building A Included in Option 16 	<ul style="list-style-type: none"> Provides modern, professional space for teacher collaboration Provides modern, flexible learning environments for science and art Eliminates liability for old and condemned buildings 		\$\$\$\$\$	 ES - #6		n/a



Keaau Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	18 Mountain View ES build new classroom building and expand bus loop/drop-off <ul style="list-style-type: none"> Build two-story classroom building, including STEAM classrooms Demolish Buildings B, C, and portables Expand bus loop/drop-off Included in Option 16 	<ul style="list-style-type: none"> Provides modern, professional space for teacher collaboration Provides modern, flexible learning environments for science and art Replaces old condemned buildings Reduces traffic on Keaau-Pahoa Road Improves safety 		\$\$\$\$\$\$	●●●●● ES - #3		n/a
	19 District-wide mild-moderate Special Education job and life skills training center <ul style="list-style-type: none"> Renovate two to four classrooms at a school with capacity for a simulated work environment for job and life skills training 	<ul style="list-style-type: none"> Provides Special Education students real-world learning environments for life and work preparation 	<ul style="list-style-type: none"> Transportation 	\$\$\$\$\$\$	●●●●● HS - #3		n/a
	20 Relocate public libraries at Mountain View ES and Keaau MS <ul style="list-style-type: none"> SAC-created option Relocate public libraries off school property and repurpose for school use Discussion with county in advance of capital funding 	<ul style="list-style-type: none"> Keeps library pedestrian traffic off school campuses during school hours; improves safety 	<ul style="list-style-type: none"> Need to work with local communities on the idea of moving a public library 	\$\$\$\$\$\$ 20M-40M	●●●●● ES - #5		4
	21 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$\$ 7.5M-20M	●●●●● HS/MS/ES - #1/3/1		1
	22 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$\$ 500k-2.5M	●●●●● HS/MS/ES - #6/7/8		4



Pahoa Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Pāhoa High & Intermediate (7-12)	532 / 490 /-8%	911	421	0.54	1912 / 2012 / 41	25%	0.81 / 37
	Pāhoa Elementary (K-6)	418 / 358 /-14%	454	96	0.79	1947 / 1995 / 43	42%	0.45 / 255
	Keonepoko Elementary (K-6)	620 / 706 /14%	674	-32	1.05	1991 / 1999 / 25	5%	0.65 / 153
	TOTAL	1,554	2,039	485	0.76		24%	0.63

Stakeholder Voice:



*We **want to learn real world subjects** that will help us get jobs. - Student*

*The parents were uncertain what to do when the lava flow started. **Are the kids safe?** Do I go get the kids or wait until after work? - Principal*

*Moving a school because of lava or tsunami is “a” factor but not “THE” factor. If you based your decision on that, **you would have to close down all the schools on the Big Island.** - Administrator*



Challenges:



- Pahoa HS 804 of 1285 (63%)
Keonepoko 658 of 1114 (59%)
Pahoa ES 149 of 228 (65%)
students GE out or attend charter



- Some buildings beyond expected useful life



- Capacity over-utilization at Keaau HS and Keaau ES
- More than 25% of capacity in portables: Pahoa ES



- Industrial Arts and family and consumer science less than 50% of standard space: Keaau MS



- No science rooms at elementary schools



- Music and Art less than 50% of standard space: Pahoa HS
- No music or art rooms at elementary schools



- PE lockers less than 50% of standard space: Pahoa HS
- Renovate fields, renovate tracks, resurface courts, athletic lockers



- Library less than 50% of standard space: Pahoa ES



- Admin less than 50% of standard space: Keonepoko ES



Pahoa Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Pahoa HS/IS new site

\$\$\$\$\$

- Acquire land outside of projected areas of probable lava flow and develop new school for ### students.

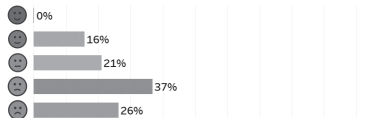
Benefits

- Reduced safety and asset preservation risks (**higher elevation**)
- Provides new, modern facility
- Probable community support if

Challenges

- Land acquisition time/cost
- Potential opposition of community members choosing to attend school in Pahoa (**history**)
- Increased transportation time/cost

Stakeholder Voice



1B Pahoa HS/IS permanent buildings

\$\$\$\$\$ \$20-40M ● Priority 1

- Create a site master plan to guide new construction on site to replace aging portables and termite damaged buildings with new, multi-story construction
- Replace ## portables with ## classroom building
- Scenarios 1B and 2B with engagements to determine grade configuration

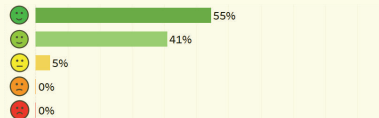
Benefits

- Provides new, modern learning environments to replace old portable buildings in poor condition
- New modern, flexible learning environments
- Facility and site upgrades: covered walkways, AC, safety upgrades, parking

Challenges

- Safety risk of operating school near active and historic lava flows
- Financial risk of investing new construction near active and historic lava flows
- Overcoming current project backlog and history of partially funded projects

Stakeholder Voice



1C Pahoa HS/IS minor renovations

\$\$\$\$\$

- Perform prioritized repairs and maintenance

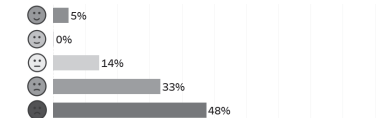
Benefits

- Avoids potential stakeholder opposition
- Avoids financial risk of investing in new construction near active and historic lava flows
- Relatively quick and inexpensive as compared to other options

Challenges

- Safety risk of operating school near active and historic lava flows
- Stakeholders not being satisfied with minor renovations

Stakeholder Voice



1D Pahoa MS; build on new site apart from the HS

\$\$\$\$\$

- Build a new middle school facility separate from the current high school site; renovate the high school on site
- Could be on the existing ES site if new ES is built (see Scenario 2A)

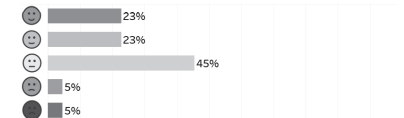
Benefits

- Focuses on environments of MS and HS populations with the intent to promote safety and ease transitions between grade levels

Challenges

- Low enrolment – difficulty affording full complement of programs and staff
- Land acquisition time/cost
- Moving and/or splitting staff between campuses

Stakeholder Voice



Recommendation

- Create new 21st century schools for the Pahoa community



Pahoa Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

2A Pahoa ES new site

\$\$\$\$\$

- Acquire land outside of projected areas of probable lava flow and develop new school for ### students.

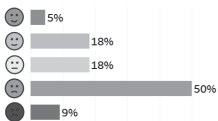
Benefits

- Reduces safety and asset preservation risks
- Provides new, modern facility
- Elementary having access to their own cafeteria

Challenges

- Land acquisition time/cost
- Potential opposition of community members choosing to attend school in Pahoa
- Increased transportation time/cost

Stakeholder Voice



2B Pahoa ES permanent buildings

\$\$\$\$\$ \$20-40M ● Priority 1

- Create a site master plan to guide new construction on site to replace aging portables with new, multi-story construction
- Replace ## portables with ## classroom building
- Include cafeteria on the ES site
- Scenarios 1B and 2B with engagements to determine grade configuration

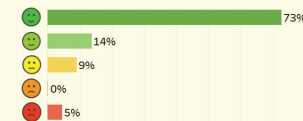
Benefits

- Provides new, modern learning environments to replace old portable buildings in poor condition
- New modern, flexible
- Current ES has to use the HS cafeteria; cannot use it during lock-downs

Challenges

- Safety risk of operating school near active and historic lava flows
- Financial risk of investing new construction near active and historic lava flows

Stakeholder Voice



2C Pahoa ES minor renovations

\$\$\$\$\$

- Perform prioritized repairs and maintenance

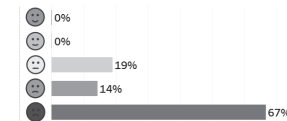
Benefits

- Avoids potential stakeholder opposition
- Avoids financial risk of investing in new construction near active and historic lava flows

Challenges

- Safety risk of operating school near active and historic lava flows

Stakeholder Voice



2D New Pahoa ES to merge Pahoa ES and Keonepoko ES on one site

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- SAC-created option
- Build new ES to house both current Pahoa ES and Keonepoko ES students
- Could repurpose existing Keonepoko ES site for new HS and/or MS (see scenarios 1A,B and D)

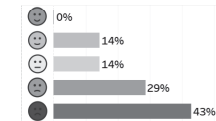
Benefits

- Creates new learning environments for Pahoa ES students
- Creates a larger ES population on one site allowing for increased resources and programming
- Creates new site for potential HS and/or MS use at Keonepoko ES

Challenges

- Consolidating two elementary schools
- Would create an ES of ~ 1,000 capacity

Stakeholder Voice



Recommendation

- Create new 21st century schools for the Pahoa community



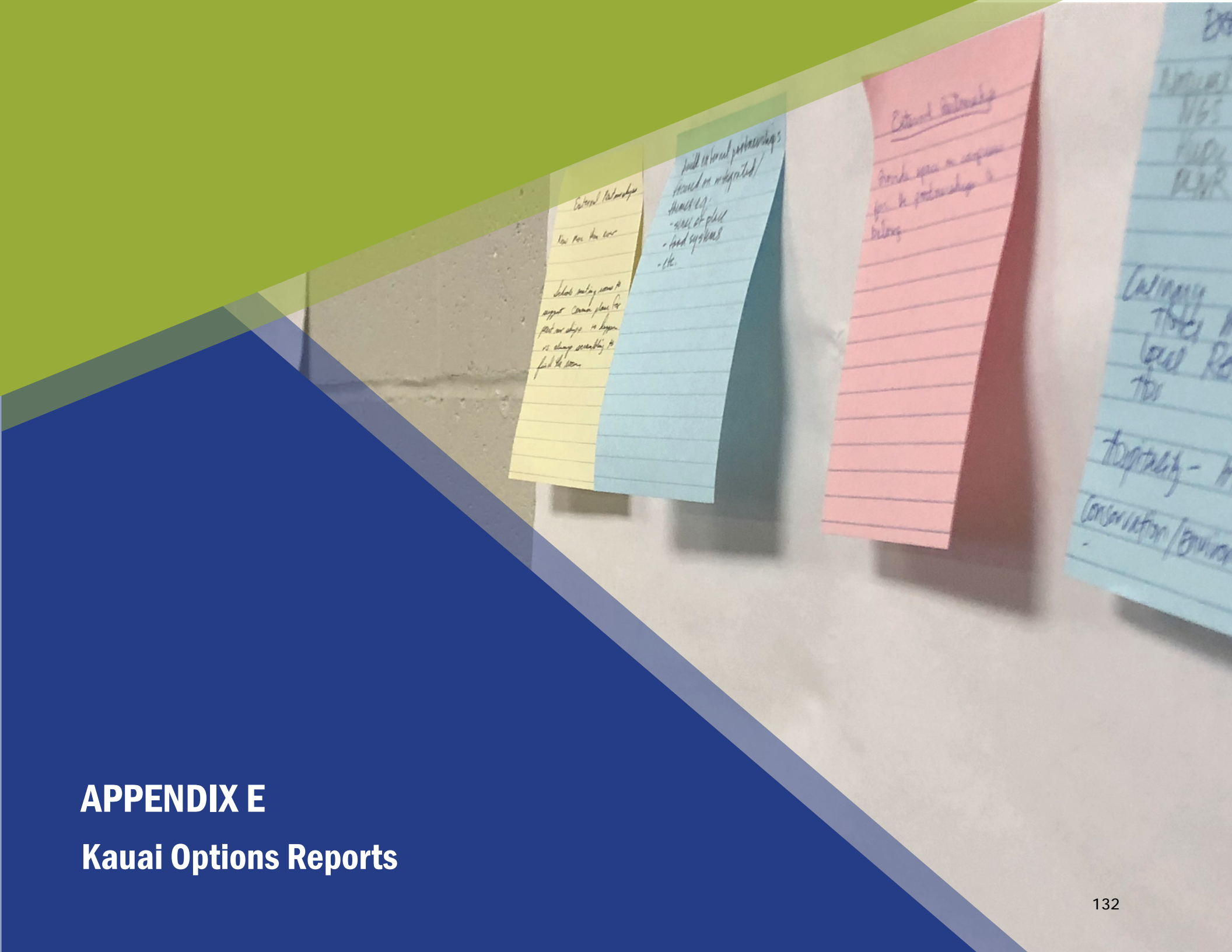
Pahoa Complex

SCENARIOS and FACILITY OPTIONS






FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
3 Pahoa ES covered walkways <ul style="list-style-type: none"> Connect campus' numerous portables to permanent buildings Designed; bid came in too high. Should revisit scope based on design of Scenario 2B. 	<ul style="list-style-type: none"> Shelter from exposure to elements 		\$\$\$\$\$\$ 500k-2.5M	ES - #2		3
4 Pahoa ES/HS/IS covered play court <ul style="list-style-type: none"> SAC-created option Should revisit scope based on design of Scenario 1B and 2B 	<ul style="list-style-type: none"> Covered play area for students 		\$\$\$\$\$\$ 2.5M-7.5M	ES - #4		4
5 Pahoa ES new cafeteria <ul style="list-style-type: none"> SAC-created option Build ES its own cafeteria (currently uses the HS cafeteria) 	<ul style="list-style-type: none"> Provides ES its own cafeteria for reliable use Students would not need to cross the street to use a cafeteria shared by the HS (which is occasionally unavailable) 		\$\$\$\$\$\$ 2.5M-7.5M	ES - #1		1
6 Keonepoko ES electrical upgrades <ul style="list-style-type: none"> Follow through on existing rewiring project 	<ul style="list-style-type: none"> Allows for air conditioning use alongside use of electronics in classrooms 		\$\$\$\$\$\$ 2.5M-7.5M	ES - #5		1
7 Pahoa HS athletic master plan projects <ul style="list-style-type: none"> Locker rooms, field renovation, resurface courts 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$\$\$ 20M-40M	HS - #2		2
8 Build a HS performing arts center <ul style="list-style-type: none"> SAC-created option 	<ul style="list-style-type: none"> Creates performing arts venue in Pahoa Could double as a shelter-in-place facility 		\$\$\$\$\$\$ 20M-40M	HS - #4		5
9 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$\$ 7.5M-20M	HS /ES - #1/3		1
10 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$\$ 500k-2.5M	HS/ES - #3/6		4





APPENDIX E
Kauai Options Reports

Kauai District Overview

District-wide Options (Priority 1):			
Option PAC: Community-based performing arts center (\$\$\$\$) Option PED: District-wide initiative to address pedestrian safety (e.g., Chiefess Kaumualii ES) (\$) Option HA: District-wide implement heat abatement program (\$\$\$\$) Kapaa  Kauai  Waimea 			
Priority 1	<ul style="list-style-type: none"> Scenario 1A: Hanalei ES and Kilauea ES serve K-5 instead of K-6 (with community engagement) (\$) Option 4: Kapaa HS and ES phased reconstruction (\$\$\$\$) Option 9: Prioritized repairs and maintenance (all schools) (\$\$) Option 10: Locally-determined enhancements (all schools) (\$) Option 11.1: Kapaa HS new gym (\$\$\$) Option 11.3: Kapaa HS softball field lights (\$) Option 14: Kapaa ES complete stalled library project (\$\$\$) Option 15: Prioritized furniture/equipment refresh (\$\$) 	<ul style="list-style-type: none"> Option 2.2: Kauai HS renovations of Building O (\$\$\$) Option 8: Kaumualii ES new site entrance/exit (\$\$) Option 10: Kaumualii ES whole school renovations (\$\$) Option 11: Prioritized repairs and maintenance (all schools) (\$\$) Option 12: Locally-determined enhancements (all schools) (\$) Option 13: Wilcox ES site improvements (\$\$) Option 15: Koloa ES site improvements (\$\$) Option 17.1: Kauai HS new gym (\$\$\$) Option 17.2: Kauai HS girl's lockers (\$\$\$) Option 18: Prioritized furniture/equipment refresh (\$\$) 	<ul style="list-style-type: none"> Option 3: Waimea HS new gym (\$\$\$) Option 5: Eleele ES new two-story, 12-classroom building (\$\$\$\$) Option 11: Waimea Canyon MS build covered play court (\$\$) Option 12: Waimea Canyon renovate library into maker space (\$) Option 13: Prioritized repairs and maintenance (all schools) (\$) Option 14: Locally-determined enhancements (all schools) (\$) Option 15: Waimea Canyon MS construct/convert science classrooms, and convert former ES rooms to MS standards (\$\$) Option 16: Prioritized furniture/equipment refresh (\$\$) Option 17: Waimea HS or MS performing arts center (\$\$\$)
Priority 2	<ul style="list-style-type: none"> Option 3: Kilauea ES site improvements (covered play court, student dropoff) (\$\$) Option 13: Kapaa HS performing arts center (\$\$\$) 	<ul style="list-style-type: none"> Option 6.1: Kauai HS new two-story classroom building (\$\$\$) Option 6.2: Kauai HS new covered multi-purpose space (\$\$\$) Option 9: Kaumualii ES new playground (\$) Option 16.2: Koloa ES multi-media library building (\$\$\$) Option 20: Kauai HS performing arts center (\$\$\$) 	<ul style="list-style-type: none"> Option 4: Waimea HS CTE renovations and enhancements (\$\$\$) Option 9: Kalaheia ES multi-purpose covered space and addition (\$\$)
Priority 3	<ul style="list-style-type: none"> Option 11.2: Kapaa HS other athletic master plan projects (track/field) (\$\$) 	<ul style="list-style-type: none"> Option 1: Kauai HS phased renovations and portable replacements (\$\$\$\$) Option 2.1: Kauai HS renovations of Building S (\$\$) Option 14: Wilcox ES new classroom building (\$\$\$) Option 16.1: Koloa ES new classroom building portable replacement (\$\$\$) 	<ul style="list-style-type: none"> Option 7: Kekaha ES new covered play court (\$\$)
Priority 4	<ul style="list-style-type: none"> Option 12: Kapaa HS swimming pool (\$\$) 	<ul style="list-style-type: none"> Option 4: Kauai HS lounge space in Building K repurposed for STEAM (\$\$) Option 17.3: Kauai HS athletic courts/fields (\$\$) Option 19: Wilcox ES space for staff/student collaboration (\$) 	<ul style="list-style-type: none"> Option 1: Waimea HS culinary teaching kitchen and STEAM classroom in place of Building C (\$\$\$) Option 2: Waimea HS covered multi-purpose area between Buildings C and F (\$\$) Option 6: Eleele ES library renovations and multi-purpose covered space and addition (\$\$)
Priority 5	<ul style="list-style-type: none"> Option 7: Kapaa MS classroom renovations (\$\$\$) Option 8: Hanalei ES renovations (\$\$) 	<ul style="list-style-type: none"> Option 3: Kauai HS move music program building to M Option 5: Kauai HS Building M repurposed for teacher/admin offices (\$\$) 	<ul style="list-style-type: none"> Option 8: Kekaha ES new administration facility (\$\$) Option 10: Waimea Canyon MS convert existing building to black box theater (\$\$)



Kapaa Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kapaa High (9-12)	1082 / 948 /-12%	952	4	1.00	1938 / 2008 / 49	52%	0.76 / 72
	Kapaa Middle (6-8)	586 / 615 / 5%	899	284	0.68	1997 / 1997 / 21	0%	0.89 / 4
	Hanalei Elementary (K-6)	286 / 274 / -4%	299	25	0.92	1951 / 1996 / 29	9%	0.56 / 230
	Kilauea Elementary (K-6)	315 / 368 / 17%	354	-14	1.04	1938 / 2004 / 35	32%	0.62 / 179
	Kapaa Elementary (K-5)	928 / 954 / 3%	942	-12	1.01	1938 / 1997 / 49	60%	0.62 / 176
	TOTAL	3,159	3,446	287	0.92		31%	0.69

Stakeholder Voice:



The classroom ceiling is **covered in asbestos**. - Teacher

The high school and elementary school live in harmony on the same campus. We have **high school students helping teach** elementary students reading and math, and the older kids keep on best behavior because the younger ones are around. - Administrator

In the shop building, I could write you a long essay on what's its lacking. The area is so unclean. There are some **lessons we're not allowed to do because of the condition of the buildings**. - High School Student

Very important! We need a change in funding policy. - Teacher



Challenges:



• Moderate flood risk: 100% of Hanalei ES site in extreme tsunami zone

• 52% of Kapaa HS and 60% of Kapaa ES buildings are classified as old or beyond useful life

• 37% of capacity in portables at Hanalei ES



• Industrial arts less than 50% of standard space: Kapaa MS

• No science room at Hanalei and Kilauea ES

• Music less than 50% of standard space: Kapaa MS
• No dedicated music or art room at Kapaa ES and Hanalei ES

• New gymnasium, synthetic field, synthetic track, wrestling room



• Library less than 50% of standard space: Kapaa ES

• Cafeteria less than 50% of standard space: Kapaa HS and Kapaa ES

• Student desire for shared performing arts center




Kapaa Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Hanalei ES and Kilauea ES serve K-5 instead of K-6 (with community engagement)

\$\$\$\$\$ \$500k-2.5M  Priority 1

- Move 6th grade classes from Hanalei K-6 and Kilauea K-6 to Kapaa 6-8
- With capacity relief, renovate one to two classrooms at each ES into flexible STEAM classrooms
- [EPC and SAC preferred scenario](#)

Benefits

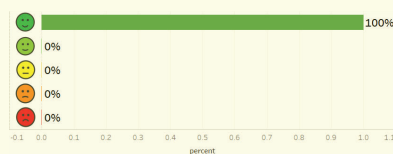
- Balances enrollment between Hanalei ES and Kilauea ES (which operate near and above capacity) to Kapaa MS, which is under-utilized
- Doesn't require costly new construction that is limited on Hanalei due to flood zone location
- Provides space to provide enhanced STEAM instruction at elementary schools
- Reduces portables
- Transitions all 6th grade students in the complex to MS together, [potentially improving class cohesion and social interaction](#)
- [Increased enrollment at Kapaa would allow more course offerings](#)

Challenges

- Grade configuration change requires planning and staff development
- [Potential community opposition to change](#)
- [Potential loss of 6th grade enrollment to homeschool/charter/private](#)
- [Access/transportation to school](#)

Stakeholder Voice

★★★★★



1B Keep Hanalei ES and Kilauea ES K-6

\$\$\$\$\$

- Maintain current mixed K-5, K-6 ES configurations

Benefits

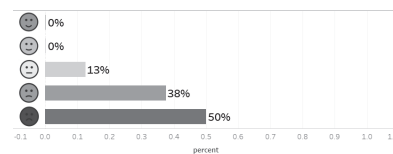
- No change

Challenges

- Hanalei ES continues to have no dedicated space for science and art due to current inability to construct new space due to flood zone
- MS students continue to transition at different grades

Stakeholder Voice

★★★★☆



1C Kapaa complex – engage community to inform grade reconfiguration

\$\$\$\$\$

- [EPC and SAF prefer Scenario 1A](#)

Benefits

Challenges

Recommendation



















- Create area-wide K-5, 6-8 grade configuration. Free up classrooms at ES (all at/over 100% utilized) to renovate for one to two STEAM classrooms and move instruction as possible to permanent facilities and out of portables (ES capacity is 22%-37% in portables)



Kapaa Complex

SCENARIOS and FACILITY OPTIONS



























FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	2 Kapaa ES replace Building A <ul style="list-style-type: none"> Replace with multi-level single structure with capacity for 300 students Historic building; included in Option 4 	<ul style="list-style-type: none"> Replaces building beyond useful life (1930s) with termite damage Modern and flexible space Student safety 	<ul style="list-style-type: none"> Extends construction on occupied site Displaces students and teachers (swing space) 	\$\$\$\$\$	 ES - #4		n/a
	3 Kilauea ES site improvements <ul style="list-style-type: none"> Build cover over existing play court Build cover over existing drop-off area 	<ul style="list-style-type: none"> Space for outdoor school and community activities during unfavorable weather Provides shelter at pick-up and drop-off times during times of unfavorable weather 	<ul style="list-style-type: none"> Lack of play area during construction 	\$\$\$\$\$ \$2.5-7.5M	 ES - #3		2 
	4 Kapaa HS and ES phased reconstruction <ul style="list-style-type: none"> Master plan joint HS and ES site to rebuild the schools using multi-story construction to reduce building footprint and create more usable greenspace First priority is Building A 	<ul style="list-style-type: none"> Frees up greenspace Improves security with fewer entry points Improves learning and retention by accommodating individual learning styles 	<ul style="list-style-type: none"> Construction on occupied site Safety concern with multi-story buildings Teacher training for new subjects, STEAM, and CTE is needed 	\$\$\$\$\$ \$40-75M	 HS/ES - #4/5		1 
	5 Kapaa HS portable replacement <ul style="list-style-type: none"> Build multi-level classroom building with capacity for 200 students to replace portable spaces Consider one building for safety/security and resource efficiency Included in Option 4 	<ul style="list-style-type: none"> Replaces portables Security - fewer entry points 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$	 HS - #5		n/a
	6 Kapaa HS cafeteria renovation <ul style="list-style-type: none"> Follow up with existing plans for cafeteria renovation Included in Option 4 	<ul style="list-style-type: none"> Provides adequate sized dining space to accommodate enrollment Improves work environment for cafeteria employees Allows for operational variation 	<ul style="list-style-type: none"> Use of cafeteria by students is limited 	\$\$\$\$\$	 HS - last		n/a
	7 Kapaa MS classroom renovations <ul style="list-style-type: none"> Renovate existing classrooms to house flexible, collaborative project-based spaces. Renovate existing buildings to provide glass walls for visibility and sound barriers. 	<ul style="list-style-type: none"> Collaborative instruction and student-focused project-based learning Modern and flexible spaces Accommodates different learning styles 	<ul style="list-style-type: none"> Teacher training in collaborative instruction and use of new spaces Lack of project-based teachers Teacher turnover and retention 	\$\$\$\$\$ \$20-40M	 MS - #1		5 
	8 Hanalei ES renovations <ul style="list-style-type: none"> Renovate for STEAM and visual performing arts and administrative space 	<ul style="list-style-type: none"> Space for STEAM and arts programs Provides professional space for administrative functions 	<ul style="list-style-type: none"> Construction in a known flood zone Theater boosts confidence and appreciation for the arts 	\$\$\$\$\$ \$2.5-7.5M	 ES - last		5 
	9 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance repairs 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	 HS/MS/ES - #1/3/1		1 
	10 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 HS/MS/ES - #3/2/1		1 



Kapaa Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 11.1 Kapaa HS new gym <ul style="list-style-type: none"> Breakout of partially funded gym 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$\$ \$20-40M	 HS - #5		1 
 11.2 Kapaa HS other athletic master plan projects (track/field) <ul style="list-style-type: none"> Include swimming pool and incorporate into site master plan 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$\$ \$2.5-7.5M			3 
 11.3 Kapaa HS softball field lights <ul style="list-style-type: none"> Delayed due to endangered birds 	<ul style="list-style-type: none"> 2016 Athletic Master Plan 		\$\$\$\$\$ \$500k-2.5M			1 
 12 Kapaa HS swimming pool <ul style="list-style-type: none"> Build a heated swimming pool at Kapaa HS for athletic and community use 	<ul style="list-style-type: none"> Kapaa HS rents Kapaa expensive and unheated public pool for practices. Since swimming is a winter sport, the temp gets dangerously cold. 		\$\$\$\$\$ \$2.5-7.5M	 HS – 8#x		4 
 13 Kapaa HS performing arts center <ul style="list-style-type: none"> Construct shared performing arts center on TBD site to serve all schools on Kauai as a community resource and potential source of Act 155 revenue 	<ul style="list-style-type: none"> Music, dance, theater center Shared by all Kauai Island schools Reduces cost/generate revenue 		\$\$\$\$\$ \$20-40M	 HS - #2		2 
 14 Kapaa ES complete stalled library project			\$\$\$\$\$ \$20-40M			1 
 15 Prioritized furniture/equipment refresh			\$\$\$\$\$ \$2.5-7.5M			1 



Kauai Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kauai High (9-12)	1126 / 1237 / 10%	1264	27	0.98	1914 / 2006 / 57	47%	0.77 / 65
	Kamakahahei Middle (6-8)	963 / 931 /-3%	1268	337	0.73	2000 / 2000 / 18	0%	0.90 / 1
	Kaumuali'i Elementary (K-5)	619 / 656 / 6%	696	40	0.94	1990 / 1995 / 26	0%	0.76 / 75
	Koloa Elementary (K-5)	381 / 342 /-10%	430	88	0.80	1959 / 1976 / 45	28%	0.52 / 243
	Wilcox Elementary (K-5)	812 / 831 / 2%	894	63	0.93	1957 / 1985 / 57	88%	0.67 / 126
	TOTAL	3,997	4,552	555	0.88		33%	0.73

Stakeholder Voice:

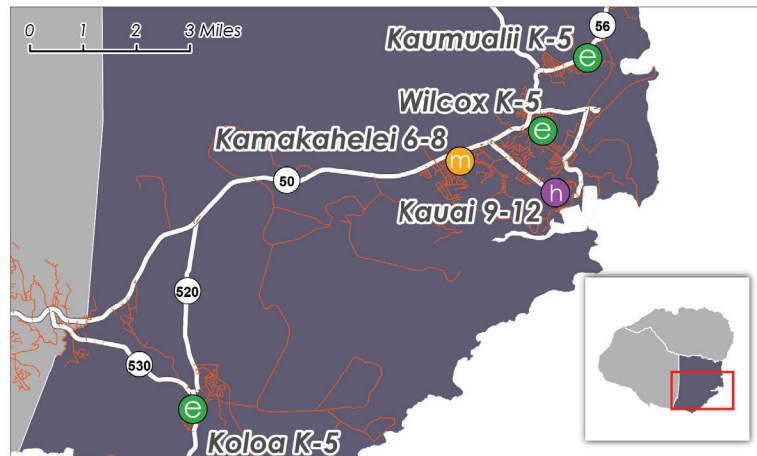


We had a new building on Kauai High but It took 10 years to build, and by the time they got to it, the plans were already outdated. - Middle School Teacher

Recently our school did a revamp of science buildings but it took a really long time. Once we got in there and teachers saw what was in there, they were unhappy about it. The way the rooms were laid out is inconvenient. Will teachers be included to help design the spaces in their schools? - High School Student

When it rains hard, sometimes rain goes into the classrooms. - Community Member

If nothing is going to change at the top level, we are wasting our time here. We need to see changes. - Parent



Challenges:



- 10% enrollment growth projected at Kauai HS



- 88% of Wilcox ES and 47% of Kauai HS buildings are classified as old or beyond useful life



- 40% of capacity in portables at Koloa ES



- Lack of girls' lockers, HS courts and fields in challenging condition



- Industrial arts and family consumer science less than 50% of standard space: Kauai HS and Kamakahahei MS



- Science less than 50% of standard space: Kamakahahei MS
- No science room at Koloa ES



- No dedicated music rooms at any of the elementary schools, and no art room at Koloa ES



- Lack of girls' lockers, HS courts and fields in challenging condition



- Library less than 50% of standard space: Kauai HS and Wilcox ES



- Cafeteria less than 50% of standard space: Kauai HS and Koloa ES



- Unsafe student drop-off at elementary schools



Kauai Complex

SCENARIOS and FACILITY OPTIONS





























FACILITY OPTIONS	Benefit	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
1 Kauai HS phased renovations and portable replacements <ul style="list-style-type: none"> Develop site plan to guide future development at Kauai HS to be completed in 5-10 years Consider field space on west campus for sports (softball, tennis) Repurpose gym space for full-sized track and field 	<ul style="list-style-type: none"> Rebuilds Kauai HS on a smaller footprint, providing more greenspace and collaborative learning environments 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$ \$40-75M	HS - #5		3
2.1 Kauai HS renovations of Building S <ul style="list-style-type: none"> Renovate S specifically as a modern art classroom Included in Option 1 	<ul style="list-style-type: none"> Modern, flexible, improved spaces Adds space 		\$\$\$\$\$ \$2.5-7.5M	HS - #4		3
2.2 Kauai HS renovations of Building O <ul style="list-style-type: none"> Renovate O for CTE classes and turn the culinary into a commercial kitchen Included in Option 1. Replace instead of renovate Building O. 	<ul style="list-style-type: none"> Modern, flexible, improved spaces Adds space, O not currently in use 		\$\$\$\$\$ \$20-40M			1
3 Kauai HS move music program building to M <ul style="list-style-type: none"> SAC: why renovate R when M is already music building? Can you just renovate M? Move music program to Building M 	<ul style="list-style-type: none"> Modern music instructional space to replace a building in poor condition 		\$\$\$\$\$	HS - #9		5
4 Kauai HS lounge space in Building K repurposed for STEAM	<ul style="list-style-type: none"> Modern and flexible learning space to replace buildings in poor condition 		\$\$\$\$\$ \$2.5-7.5M	HS - #7		4
5 Kauai HS Building M repurposed for teacher/admin offices <ul style="list-style-type: none"> Move music program to Building M 	<ul style="list-style-type: none"> Provides space for teacher collaboration 		\$\$\$\$\$ \$2.5-7.5M	HS - last		5
6.1 Kauai HS new two-story classroom building <ul style="list-style-type: none"> Replace buildings D,X,Y, and Z with new two-story classroom building Incremental to Options 2.1 and 2.2 	<ul style="list-style-type: none"> Modern, flexible, improved spaces 		\$\$\$\$\$ \$20-40M	HS - #6		2
6.2 Kauai HS new covered multi-purpose space <ul style="list-style-type: none"> Replace buildings D,X,Y, and Z with new covered eating area Incremental to Options 2.1 and 2.2 	<ul style="list-style-type: none"> Multi-purpose outdoor eating area allows everyone to eat lunch 		\$\$\$\$\$ \$20-40M			2
7 Kamakahahei MS safe pathway to Nuhou Street <ul style="list-style-type: none"> Amplify into district-wide option 	<ul style="list-style-type: none"> Improves pedestrian safety on major roadway with four lanes of traffic Imp access could raise enrollment 	<ul style="list-style-type: none"> Adds foot traffic and parked cars in Hokulei Village before and after school 	\$\$\$\$\$ \$2.5-7.5M	MS - #1		n/a
8 Kaunaulii ES new site entrance/exit <ul style="list-style-type: none"> New site entrance/exit on northeast corner of the site, with separate bus and car traffic Drop-off area along northeast side of property Add a pull-in area on Kuhio Highway 	<ul style="list-style-type: none"> Improves safety and efficiency 	<ul style="list-style-type: none"> Limits to improvements on public roadway Will allow more unwanted trespassers 	\$\$\$\$\$ \$2.5-7.5M	ES - #3		1
9 Kaunaulii ES new playground	<ul style="list-style-type: none"> Creates outdoor play area for students 		\$\$\$\$\$ \$500k-2.5M	ES - #5		2
10 Kaunaulii ES whole school renovations <ul style="list-style-type: none"> Renovate the existing facilities to improve condition and educational adequacy 	<ul style="list-style-type: none"> Modern, flexible, improved spaces Plan has been in place for 5 years 	<ul style="list-style-type: none"> Requires construction money 	\$\$\$\$\$ \$2.5-7.5M	SS - #x		1



Kauai Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 11 Prioritized repairs and maintenance (all schools) • Safety, code, and maintenance repairs	• Addresses top-priority needs at each school		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS/MS/ES - #2/3/1		1 ●
 12 Locally-determined enhancements (all schools) • Budget allotment for each school to fund stakeholder-driven projects	• Empowers schools and students to define projects at time of execution	• Requires policy to consistently allocate and implement projects	\$\$\$\$\$ \$500k-2.5M	●●●●● HS/MS/ES - #3/2/2		1 ●
 13 Wilcox ES site improvements • Site drainage improvements, and add/expand parking, shared with state offices • Redesign parent and bus drop-off	• Prevents rain from entering building • Addresses traffic and safety • Off-street parking		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #7		1 ●
 14 Wilcox ES new classroom building • Replace portables with new multi-story classroom building with capacity for 150 students • Consider one building for safety/security and resource efficiency	• Replaces portable space with modern, permanent space for education		\$\$\$\$\$ \$20-40M	●●●●● ES - last		3 ●
 15 Koloa ES site improvements • Add/expand parking • Redesign parent and bus drop-off at greenhouse area or current portable location	• Addresses traffic and safety concerns during pick-up and drop-off times		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #8		1 ●
 16.1 Koloa ES new classroom building portable replacement • Replace portables with new classroom building with new library and capacity for 200 students • Consider one building for safety/security and resource efficiency	• Replaces school capacity with 40% in portable space with permanent classrooms		\$\$\$\$\$ \$20-40M	●●●●● ES - #6		3 ●
 16.2 Koloa ES multi-media library building • Renovate library for flexible, collaborative learning spaces and administrative space	• Provides adequate professional space for administrative operations		\$\$\$\$\$ \$20-40M			2 ●
 17.1 Kauai HS new gym • Fully/partially funded	• 2016 Athletic Master Plan		\$\$\$\$\$ \$20-40M	●●●●● HS - #7		1 ●
 17.2 Kauai HS girls' lockers	• 2016 Athletic Master Plan		\$\$\$\$\$ \$20-40M			1 ●
 17.3 Kauai HS athletic courts/fields	• 2016 Athletic Master Plan		\$\$\$\$\$ \$2.5-7.5M			4 ●
 18 Prioritized furniture/equipment refresh			\$\$\$\$\$ \$2.5-7.5M			1 ●
 19 Wilcox ES space for staff/student collaboration • EPC4 add			\$\$\$\$\$ \$500k-2.5M			4 ●
 20 Kauai HS performing arts center • Construct shared performing arts center on TBD site to serve all schools on Kauai as a community resource and potential source of Act 155 revenue	• Music, dance, theater center • Shared by all Kauai Island schools • Reduces cost/generates revenue		\$\$\$\$\$ \$20-40M	●●●●● HS - #1		2 ●



Waimea Complex DATA and NEEDS

Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Waimea High (9-12)	577 / 687 / 19%	842	155	0.82	1936 / 1996 / 50	47%	0.77 / 66
	Waimea Canyon Middle (6-8)	447 / 465 / 4%	621	156	0.75	1972 / 1992 / 42	1%	0.82 / 28
	Ele'ele Elementary (K-5)	507 / 542 / 7%	397	-145	1.37	1941 / 1995 / 48	37%	0.61 / 201
	Kalaheo Elementary (K-5)	452 / 458 / 1%	450	-8	1.02	1937 / 2014 / 39	31%	0.69 / 118
	Kekaha Elementary (K-5)	357 / 368 / 3%	367	-1	1.00	1937 / 1986 / 54	37%	0.58 / 219
	TOTAL	2,520	2,677	157	0.94		31%	0.69

Stakeholder Voice:



All we hear now is STEM, STEM, STEM but **we need the arts too**. We need all disciplines – career tech education, visual and performing arts, and science/technology/engineering/math in our society, and we should weigh them equally. - Parent

We should incentivize and embrace **external partnerships**. Let's think of internships in reverse – **bring the businesses into the schools**. - Administrator

The gym is **old, but functional**. The community might prefer to spend our money for other purposes if given the choice. - Teacher/Parent

There are certain subjects like digital media where **teachers not suited for the material** get stuck teaching that class because there's a lack of teachers. - High School Student



Challenges:



- 19% enrollment growth at Waimea HS



- High flood risk: 100% of site in current flood zone, Kekaha ES
- Moderate flood risk: 97% of site in extreme tsunami zone, Waimea Canyon MS



- Various buildings are classified as old or beyond useful life



- Ele'ele ES 137% projected enrollment



- Science less than 50% of standard space: Waimea HS and Waimea Canyon MS
- No science room at elementary schools



- No dedicated music or art room at elementary schools



- Need for gymnasium, wrestling room, and training room



- Library less than 50% of standard space: Ele'ele ES



- Cafeteria less than 50% of standard space: Waimea HS, Ele'ele ES



- Admin less than 50% of standard space: Kekaha ES
















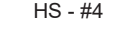


























- Student desire for shared performing arts center



Waimea Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 1 Waimea HS culinary teaching kitchen and STEAM classroom in place of Building C <ul style="list-style-type: none"> Historic building 	<ul style="list-style-type: none"> Replaces building beyond useful life Provides modern and flexible teaching and learning space 	<ul style="list-style-type: none"> Building C on the historical registry SAC: What are community feelings about Building C? 	\$\$\$\$\$\$ \$20-40M	 HS - #6		4 
 2 Waimea HS covered multi-purpose area between Buildings C and F <ul style="list-style-type: none"> Build covered area for indoor/outdoor eating, gathering, PE, and community-use space Consider alternative location 	<ul style="list-style-type: none"> Outdoor space for school and community Allows for two lunches 		\$\$\$\$\$\$ \$2.5-7.5M	 HS - #5		4 
 3 Waimea HS new gym <ul style="list-style-type: none"> Replace outdated gym, per DOE 2016 Athletic Master Plan 	<ul style="list-style-type: none"> Current gym in extreme tsunami zone 	<ul style="list-style-type: none"> Where will new gym be placed? 	\$\$\$\$\$\$ \$20-40M	 HS - #6		1 
 4 Waimea HS CTE renovations and enhancements <ul style="list-style-type: none"> Upgrade current CTE equipment and infrastructure (HVAC, electrical, plumbing, etc.) for graphic arts, industrial arts, welding, and architecture/engineering/construction 	<ul style="list-style-type: none"> Provides students modern equipment for job skills training Enhances existing CTE programs 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$\$ \$20-40M	 HS - #4		2 
 5 Eleele ES new two-story, 12-classroom building <ul style="list-style-type: none"> Replace up to four portable buildings with new two-story, 12-classroom building with additional capacity for 300 students and flexible STEAM classrooms, and consider teacher housing Highest complex priority 	<ul style="list-style-type: none"> Replaces portables with permanent facilities and provides modern and flexible teaching and learning space 		\$\$\$\$\$\$ \$20-40M	 ES - #4		1 
 6 Eleele ES library renovations and multi-purpose covered area <ul style="list-style-type: none"> Convert library into learning center/library/community with multi-purpose indoor/outdoor space 	<ul style="list-style-type: none"> Teacher/student collaboration, assembly, performances, PE, dining, and community 		\$\$\$\$\$\$ \$20-40M	 ES - #5		4 
 7 Kehaha ES new covered play court	<ul style="list-style-type: none"> Outdoor school/community activities 	<ul style="list-style-type: none"> Construction within a flood zone 	\$\$\$\$\$\$ \$2.5-7.5M	 ES - #1		3 
 8 Kehaha ES new administration facility <ul style="list-style-type: none"> Incorporate art and music facilities 	<ul style="list-style-type: none"> Modern space for collaboration. Current office <50% of standard. 	<ul style="list-style-type: none"> Construction within a known flood zone 	\$\$\$\$\$\$ \$2.5-7.5M	 ES - last		5 
 9 Kalaheo ES multi-purpose covered space and addition <ul style="list-style-type: none"> Replace portables with six classrooms with capacity for 150 students and SPED classrooms Include space for Pre-K 	<ul style="list-style-type: none"> Provides space for outdoor school and community activities 		\$\$\$\$\$\$ \$2.5-7.5M	 ES - #6		2 
 10 Waimea Canyon MS convert existing building to black box theater <ul style="list-style-type: none"> Convert Building R to a black box theater, move admin to renovated library/maker space There was talk about Building R becoming a maker space. An alternative is to find a building and/or create space for the black box theater. 	<ul style="list-style-type: none"> Provides visual performing arts space and teacher collaboration 	<ul style="list-style-type: none"> Potential to lose existing shop space 	\$\$\$\$\$\$ \$2.5-7.5M	 MS - #10		5 



Waimea Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
11 Waimea Canyon MS build covered play court <ul style="list-style-type: none"> Follow through with existing covered play court plans Shovel-ready 	<ul style="list-style-type: none"> Outdoor school and community activities during unfavorable weather 		\$\$\$\$\$ \$2.5-7.5M	MS - #3		1 ●
12 Waimea Canyon MS renovate library into maker space <ul style="list-style-type: none"> Follow through with existing renovated library/maker space plans 	<ul style="list-style-type: none"> Provides modern teaching and learning spaces. 100% grant funds. 		\$\$\$\$\$ \$500k-2.5M	MS - #5		1 ●
13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance repairs 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	HS/MS/ES - #3/2/2		1 ●
14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	HS/MS/ES - #2/1/3		1 ●
15 Waimea Canyon MS construct/convert science classrooms, and convert former ES rooms to MS standards <ul style="list-style-type: none"> EPC5 add 			\$\$\$\$\$ \$2.5-7.5M			1 ●
16 Prioritized furniture/equipment refresh			\$\$\$\$\$ \$2.5-7.5M			1 ●
17 Waimea HS or MS performing arts center			\$\$\$\$\$ \$20-40M			1 ●



A photograph of a community meeting or public hearing. Several people are seated at long tables arranged in a U-shape. Two individuals are standing at the front of the room, possibly presenting or moderating. The room has a white wall and a blackboard in the background. The image is partially obscured by a green diagonal overlay on the top left and a blue diagonal overlay on the bottom left.

APPENDIX F

Maui Options Reports

Maui District Overview

District-wide Scenarios and Options:

Option LAN (Priority 1): Maui District Hawaiian immersion program facility needs engagement (\$)

Scenario HS (Priority 1): Maui/Baldwin relief school in Kihei Phase 1 (800 capacity, '20-21) (\$\$\$\$\$)








Scenario HS (Priority 1): Maui/Baldwin relief school in Kihei Phase 2 (+ music, athletics, electives) (\$\$\$)

Scenario CTE (Priority 2): Maui/Baldwin/Kekaulike shared CTE center (confirm size/capacity) (\$\$\$\$)

Option EME (Priority 3): Maui District emergency shelter improvements (\$\$)

Option PV (Priority 3): Maui District photovoltaic panels (\$\$\$)

Scenario HS (Priority 5): Maui/Baldwin relief school in Kihei Phase 3 (+ ### capacity) (\$\$\$)

	 Baldwin	 Hana	 Kekaulike	 Lahainaluna	 Lanai	 Maui	 Molokai
Priority 1	<ul style="list-style-type: none"> Scenario 1A: Construct new middle school (\$\$\$\$\$) Scenario 2A: Construct new Elementary School at Puunene, new admin/community education center at MCSA site (\$\$\$\$) Option 3: Baldwin HS phased reconstruction (\$\$\$\$\$) Option 9: Wailuku ES phased reconstruction (\$\$\$\$) Option 10: Waihee ES drainage and traffic improvements (\$\$) Option 11.1: Waihee ES new administration building (\$\$) Option 11.2: Waihee ES new cafeteria building (\$\$) Option 13: Prioritized repairs and maintenance (all schools) (\$\$) Option 14: Locally-determined enhancements (all schools) (\$\$) Option 15: Iao IS convert old cafeteria into STEAM classroom (\$\$) 	<ul style="list-style-type: none"> Option 1: Hana K-12 covered elementary play court (\$\$) Option 3: Hana K-12 refurbish gym floor (\$) Option 4: Hana K-12 multi-purpose community arts and athletics center (\$\$\$) Option 8: Prioritized repairs and maintenance (all schools) (\$\$) Option 9: Locally-determined enhancements (all schools) (\$) Option 12: Hana green design renovations (\$\$) 	<ul style="list-style-type: none"> Scenario 1D: Haiku ES reconstruction with site TBD (\$\$\$\$\$) Option 7.2: Kula ES new cafeteria (\$\$\$) Option 8: Paia ES phased reconstruction (\$\$\$\$) Option 12: Makawao ES new multi-purpose classroom addition (\$\$\$) Option 13.2: Pukalani ES expanded traffic loop (\$\$) Option 13.3: Pukalani ES covered play court (\$\$) Option 17: Prioritized repairs and maintenance (all schools) (\$\$) Option 18: Locally-determined enhancements (all schools) (\$\$) 	<ul style="list-style-type: none"> Scenario 1A: Kamehameha III rebuilt on new site Option 5: Lahainaluna HS new 8-classroom addition (\$\$\$) Option 7: Lahaina IS new 8-classroom building (\$) Option 8: Lahaina IS new multi-purpose pavilion (\$\$\$) Option 9: Nahienaena ES new multi-purpose library/STEAM building/admin (\$\$\$) Option 12: Prioritized repairs and maintenance (all schools) (\$\$) Option 13: Locally-determined enhancements (all schools) (\$\$) Option 16.1: ADA accessibility (all schools) (\$\$) Option 16.2: Electrical systems upgrades/wifi (all schools) (\$\$) Option 16.3: Install air conditioning in classrooms (\$\$\$) Option 18: Lahainaluna high school CTE spaces (\$\$\$) 	<ul style="list-style-type: none"> Option 2: Lanai K-12 new commons/cafe/terrace/distributed library/performance venue (\$\$\$) Option 10: Lanai K-12 initiate 50 acre land acquisition (\$\$) Option 11: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Scenario 1A: Construct new middle school on site TBD (\$\$\$\$\$) Scenario 2A: Construct new elementary school at Puunene, new admin/community education center at MCSA site (\$\$\$\$) Option 3: Maui HS phased reconstruction (\$\$\$\$\$) Option 5: Lokelani IS/Kihei ES new traffic entrance/exit loop (\$\$\$) Option 8: Kihei ES replace domestic water system (\$\$) Option 10: Rebuild Kahului ES on site (\$\$\$\$\$) Option 11: Pomaikai ES covered playground and walkways (\$\$) Option 12: Lihala ES replace portable buildings with permanent classroom building to include library/maker space (\$\$\$) Option 13: Kamalii ES covered playground (\$\$) Option 15: Prioritized repairs and maintenance (all schools) (\$\$) Option 16: Locally-determined enhancements (all schools) (\$\$) Option 17: Kihei ES administration building (\$\$\$) 	<ul style="list-style-type: none"> Scenario 1E: Focused stakeholder engagements to determine grade configurations and school portfolio (\$\$\$) Scenario 2A: Move Kaunakakai ES out of flood zone (\$\$\$\$\$) Option 10.1: Maunaloa ES and Kilohana ES multi-purpose shelter in place (\$\$\$) Option 13: Prioritized repairs and maintenance (all schools) (\$\$) Option 18: Sustainable energy improvements (\$\$) Option 19: Multi-purpose STEAM classrooms (all schools) (\$\$) Option 20: Kaunakakai ES traffic barrier (\$\$) Option 21: Equipment refresh (all schools) (\$\$) Option 22: Kilohana ES Building A Lanai renovation (\$\$)
Priority 2	<ul style="list-style-type: none"> Option 8: Baldwin HS athletic improvements (\$\$\$) 	<ul style="list-style-type: none"> Option 2: Hana K-12 admin/teacher professional learning center collaboration building (\$\$) 	<ul style="list-style-type: none"> Option 3: Kekaulike HS new building for language immersion program (\$\$) Option 6: Kalama IS new building for language immersion program (\$\$) Option 7.1: Kula ES replace portables with new multi-story buildings for STEAM, Music, and Professional Learning Center (\$\$\$) Option 10: Paia ES full-service cooking kitchen (\$\$) Option 14: Pukalani ES new administration/professional learning center on 4-acre adjacent site (\$\$\$) 	<ul style="list-style-type: none"> Option 4: Lahainaluna HS athletic masterplan projects, include cover of existing play court (\$\$\$) Option 6: Lahaina IS new multi-purpose library/STEAM/ administration space building (\$\$\$) Option 11: Nahienaena ES new multi-purpose pavilion (\$\$\$) Option 21: Lahainaluna HS admin building (\$\$\$) Option 22: Lahainaluna IS cover existing play court (\$\$) 	<ul style="list-style-type: none"> Option 7: Lanai K-12 athletic fields (\$\$) 	<ul style="list-style-type: none"> Option 7: Lokelani IS convert/replace Building J for multi-purpose STEAM (\$\$\$) Option 14: Kamalii ES expand traffic and bus loop (\$\$) 	<ul style="list-style-type: none"> Option 3: Molokai HS replace portables with spaces for STEM and careers (\$\$\$) Option 5: Molokai HS athletics improvements (\$\$) Option 15: Molokai MS Hawaiian Language Immersion Program classrooms (\$\$)
Priority 3	<ul style="list-style-type: none"> Option 4: Baldwin HS renovate drama classroom (\$\$) 			<ul style="list-style-type: none"> Option 2: Lahainaluna HS phased reconstruction (\$\$\$\$\$) Option 17: Teacher housing (\$\$\$) 	<ul style="list-style-type: none"> Option 4: Lanai K-12 new welcome/administration/professional development center (\$\$\$) Option 6: Lanai K-12 21st century classroom conversions (\$\$) 	<ul style="list-style-type: none"> Option 6: Lokelani IS/Kihei ES new shared multi-purpose space (\$\$\$) 	<ul style="list-style-type: none"> Option 12: Kilohana ES new administration building (\$\$\$) Option 17: Teacher housing renovations/enhancements (\$\$)
Priority 4		<ul style="list-style-type: none"> Option 7: Hana K-12 air conditioning renovations (\$\$) Option 11: Hana new cafeteria (\$\$) 	<ul style="list-style-type: none"> Option 4: Kekaulike HS athletic master plan projects (\$\$) Option 9: Paia ES covered play court (\$\$) Option 13.1: Pukalani ES new multi-purpose classroom addition (\$\$\$) 	<ul style="list-style-type: none"> Option 14: Lahainaluna MS and HS multi-level parking (\$\$\$) Option 16.4: Outdoor learning improvements (\$\$) Option 20: Lahainaluna HS dormitory remodel (\$\$) 	<ul style="list-style-type: none"> Scenario 1A: Lanai K-12 campus expansion (\$\$\$\$\$) Option 3: Lanai K-12 satellite nutrition centers (\$\$) Option 12: Locally-determined enhancements (all schools) (\$\$) 	<ul style="list-style-type: none"> Option 4: Maui HS athletic master plan projects (\$\$) 	<ul style="list-style-type: none"> Option 7: Molokai MS new collaborative learning additions (\$\$\$) Option 11: Kilohana ES renovations for Special Education & Pre-K programs (\$\$) Option 16: Molokai MS major renovation and expansion to the library to include technology and community use (\$\$)
Priority 5		<ul style="list-style-type: none"> Option 6: Hana K-12 acquire land makai of campus (\$\$\$) 	<ul style="list-style-type: none"> Option 2: Kekaulike HS covered courtyard multi-use commons (\$\$) Option 5: Kekaulike HS music and band expansion (\$\$\$) 		<ul style="list-style-type: none"> Option 8: Lanai K-12 visitor center (\$\$\$) Option 9: Lanai K-12 teacher housing (\$\$) 		<ul style="list-style-type: none"> Option 4: Molokai HS new multi-purpose outdoor commons (\$\$\$) Option 6: Molokai HS/MS acquire adjacent land for agriculture program (\$\$\$) Option 9: Molokai MS new covered multi-purpose space (\$\$) Option 10.2: Maunaloa ES classroom addition (\$\$\$) Option 14: Locally-determined enhancements (all schools) (\$\$)



Baldwin Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Baldwin High (9-12)	1361 / 1490 / 9%	1228	-262	1.21	1939 / 2011 / 56	68%	0.78 / 52
	Lao Intermediate (6-8)	953 / 1020 / 7%	790	-230	1.29	1929 / 2009 / 32	22%	0.83 / 20
	Waihee Elementary (K-5)	698 / 693 / -1%	783	90	0.89	1958 / 1996 / 32	15%	0.63 / 164
	Wailuku Elementary (K-5)	698 / 721 / 3%	789	68	0.91	1947 / 1992 / 50	56%	0.65 / 150
	Pu'u Kukui Elementary (K-5)	789 / 772 / -2%	710	-62	1.09	2011 / 2011 / 7	0%	0.74 / 86
	TOTAL	4,696	4,300	-396	1.09		32%	0.73

Stakeholder Voice:



We **want to learn job skills like the trades**, and there aren't enough career classes at the school. - High School Student

It's **amazing what they can do if they are given the opportunity** and have the right facilities to facilitate learning. - Teacher

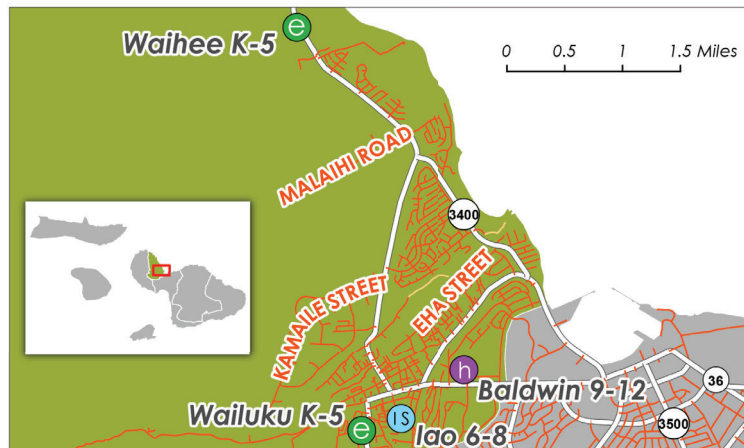
We want to get **communication skills and leadership skills**... extracurricular activities help with that. - Student

We want to **get our hands dirty and try to build something**. - Student

"My kids are wet all the time...can we have **covered walkways**?" - Principal

Current job market demands will begin to affect educational methods at the DOE. **Projects incorporating STEM** will become the standard. - Principal

Well-rounded, **holistic education includes the arts**. It should have an equal rather than competing place in our children's education. - Teacher



Challenges:



- 129 projected growth (9%) at Baldwin HS



- More than half of facilities are classified as old or beyond useful life at Baldwin HS and Wailuku ES



- lao IS and Baldwin HS are over-utilized
- More than 25% capacity in portables at Baldwin HS



- Industrial Arts less than 50% of standard space: lao IS



- Science less than 50% of standard space: lao IS



- Art less than 50% of standard space: lao IS
- Music less than 50% of standard space: Baldwin HS and lao IS
- No dedicated art or music rooms at Puu Kukui ES and Waihee ES



- New field, new track, resurface courts, athletic lockers, weight room



- Library less than 50% of standard space: Wailuku ES



- Cafeteria less than 50% of standard space: Baldwin HS, Wailuku ES, Waihee ES



Baldwin Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Construct new middle school

\$\$\$\$\$ \$75-100M+ ● Priority 1

- Acquire land and construct new 800-student 6-8 middle school to relieve lao IS and Maui Waena IS
- Consider lease or acquire county land
- New school attendance boundary will be split between Baldwin and Maui, and students will attend high school aligned with their elementary school boundary
- Reduce portable classroom buildings
- Include study to determine location: new site, on Maui HS, or at temporary location
- Pursue 1B for MS and/or HS programming (e.g., career tech with potential local partnerships)



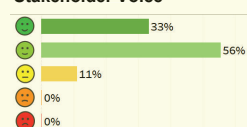
Benefits

- Reduces overcrowding at lao IS and Maui Waena IS, which combined have a projected deficit of 382 seats and are the 4th and 8th largest intermediate schools in the state
- Creates new, modern learning environment
- Reduces overreliance on portables

Challenges

- Land acquisition is costly and time consuming
- New middle school student classes will split between Baldwin HS and Maui HS

Stakeholder Voice



1B Convert commercial property into a new middle school

\$\$\$\$\$

- Acquire under-utilized commercial property such as vacant "big-box store," and repurpose for a new 800-student 6-8 middle school
- New school attendance boundary will be split between Baldwin and Maui, and students will attend high school aligned with their elementary school boundary
- Reduce portable classroom buildings



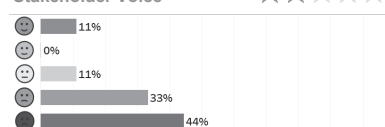
Benefits

- Could be less expensive than new construction (though renovations are not always less expensive than new construction)
- Creates new, modern learning environment
- Reduces overreliance on portables

Challenges

- Finding and acquiring property to renovate
- Existing facilities can limit the types of spaces and layouts possible when compared to new construction
- New middle school student classes will split between Baldwin HS and Maui HS
- Traffic could be a problem
- Probable lack of greenspace

Stakeholder Voice



1C Elementary schools K-6, lao IS 7-8, construct additional new elementary school

\$\$\$\$\$

- Move lao 6th grade to elementary schools to address crowding
- Acquire land and construct new 600-student ES (in addition to scenario 2A/2B)
- Renovate spaces for 6th grade science
- Remove portables
- Adjust attendance boundaries



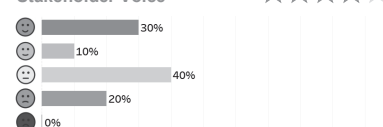
Benefits

- Relieves crowding at lao IS
- Creates new, modern learning environment at new elementary school
- Introduces STEM spaces at elementary schools
- Reduces overreliance on portables

Challenges

- Land acquisition is costly and time consuming
- Grade reconfiguration requires admin and staff planning and development
- Middle school could lose programs due to smaller enrollment/lower funding

Stakeholder Voice



1D Elementary schools K-6, lao IS 7-8, elementary classroom additions

\$\$\$\$\$

- Move lao 6th grade to elementary schools to address crowding
- Replace ES portables with multi-story STEAM classroom buildings for 600-students
- Remove portables
- Adjust attendance boundaries



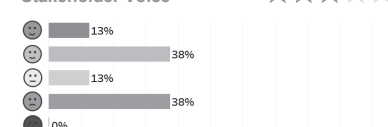
Benefits

- Relieves crowding at lao IS
- Creates new, modern learning environment at new elementary school
- Introduces STEM spaces at elementary schools
- Reduces overreliance on portables
- Additions could take less time than a new ES

Challenges

- Grade reconfiguration requires admin and staff planning and development
- Swing space at ES during construction of additions

Stakeholder Voice



Recommendation

- Build a new 21st century middle school, preferably on existing land. Consider new partnerships with MCC and/or UHMC.



Baldwin Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

2A Construct new Elementary School at Puunene, new admin/community education center at MCSA site

\$\$\$\$\$ \$40-75M ● Priority 1

- Acquire land and construct new 600-student elementary school to relieve Baldwin and Maui complex elementary schools
- Consider the 10-acre closed Puunene school site in Maui complex currently used for DOE offices, which would need to be relocated to an alternate site
- Reduce portable classroom buildings
- Pursue Puunene plus additional land from A&B, and consider environmental toxicity of soils

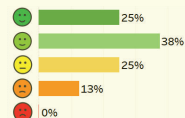
Benefits

- Reduces overcrowding at Baldwin and Maui elementary schools
- Creates new, modern learning environment
- Reduces overreliance on portables
- If Puunene site is used, DOE administration would benefit from improved professional environment in closer proximity to community
- Potential for new admin/multi-purpose meeting space for District and community

Challenges

- Land acquisition is costly and time consuming
- Puunene site is out of town

Stakeholder Voice



Recommendation

- Build a new 21st century elementary school at Puunene, adjacent site, or other site if a land swap becomes viable. Build a new, multi-purpose meeting, adult education, and administration space at the Maui Community School.

2B Establish new elementary school on existing private school campus

\$\$\$\$\$

- Start new elementary school to operate in part or whole on an existing under-utilized private school site
- Reduce portable classroom buildings

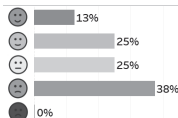
Benefits

- Reduces overcrowding at Baldwin and Maui elementary schools
- Utilizes existing land and facility

Challenges

- Requires successful negotiation with private school







































Stakeholder Voice



Baldwin Complex

SCENARIOS and FACILITY OPTIONS









FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	3 Baldwin HS phased reconstruction <ul style="list-style-type: none">Develop long-range campus master planSelective demolition and reconstruction of Baldwin HS campus with multi-story buildings on smaller footprint to open up space for fieldsIncrease capacity by additional 300 seatsPriorities detailed in Options 5, 6, and 7	<ul style="list-style-type: none">Relieves overcrowdingRemoves outdated buildingsCreates new, modern learning environmentsOpens up field space	<ul style="list-style-type: none">Extends construction on occupied site	\$\$\$\$\$\$ \$75-100M+	 HS - #1		1 
	4 Baldwin HS renovate drama classroom <ul style="list-style-type: none">Renovate current drama classroom in poor condition	<ul style="list-style-type: none">Provides needed condition-related renovations		\$\$\$\$\$ \$500k-2.5M	 HS - #7		3 
	5 Baldwin HS renovate kitchen <ul style="list-style-type: none">Renovate current kitchen in poor conditionIncluded in Option 3	<ul style="list-style-type: none">Provides needed condition-related renovations	<ul style="list-style-type: none">Alternative food service during construction	\$\$\$\$\$	 HS - last		n/a
	6 Baldwin HS replace/expand cafeteria <ul style="list-style-type: none">Replace or expand undersized cafeteria with flexible multi-purpose indoor outdoor facilityIncluded in Option 3	<ul style="list-style-type: none">Provides expanded cafeteria and multi-purpose spaces	<ul style="list-style-type: none">Alternative food service during construction	\$\$\$\$\$	 HS - #5		n/a
	7 Baldwin HS new STEAM classroom building <ul style="list-style-type: none">Construct new, modern multi-story classroom building to support collaborative science, technology, engineering, arts, and math instructionIncluded in Option 3	<ul style="list-style-type: none">Provides modern, flexible learning environmentsProvides needed additional capacity		\$\$\$\$\$	 HS - #3		n/a
	8 Baldwin HS athletic improvements <ul style="list-style-type: none">Build a new practice field, weight room and locker room. Includes replacing worst condition buildings and portables with new, multi-story construction to create space for athletic facilities.	<ul style="list-style-type: none">Reduces Baldwin's reliance on County facilities		\$\$\$\$\$ \$20-40M	 HS - #6		2 
	9 Wailuku ES phased reconstruction <ul style="list-style-type: none">Selective demolition and reconstruction of portables, cafeteria, library, and administration with multi-story buildings on smaller footprint to open up space for fields	<ul style="list-style-type: none">Frees up green space and parking on small site	<ul style="list-style-type: none">Extends construction on occupied site	\$\$\$\$\$ \$40-75M	 ES - #4		1 
	10 Waihee ES drainage and traffic improvements <ul style="list-style-type: none">Ste drainage improvements to address frequent flooding from mountain runoffStudy site to confirm if buildings need replacement due in part to chronic flooding on siteImprove drop off and vehicle traffic flow	<ul style="list-style-type: none">Addresses student safety and building preservation challengesImproves drop-off and pick-up on Kahekile Highway		\$\$\$\$\$ \$2.5-7.5M	 ES - #2		1 
	11.1 Waihee ES new administration building <ul style="list-style-type: none">Right-sizes the existing administration building that is half the standard size for the population	<ul style="list-style-type: none">Provides modern collaborative space for teachers		\$\$\$\$\$ \$2.5-7.5M	 ES – last		1 
	11.2 Waihee ES new cafeteria building <ul style="list-style-type: none">Right-sizes the existing cafeteria building that is less than half the standard size for the population	<ul style="list-style-type: none">Provides a cafeteria appropriately sized for the student population		\$\$\$\$\$ \$2.5-7.5M			1 
	12 Wailuku ES six-classroom addition <ul style="list-style-type: none">Follow through on planned six-classroom addition with portable reductionIncluded in Option 9	<ul style="list-style-type: none">Project already planned. Provides modern learning environments.		\$\$\$\$\$	 ES - #1		n/a



Baldwin Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$\$ \$7.5-20M	●●●●●● HS/MS/ES - #/1/1/5		1 ●
 14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$\$ \$500k-2.5M	●●●●●● HS/MS/ES - #4/1/2		1 ●
 15 lao IS convert old cafeteria into STEAM classroom			\$\$\$\$\$\$ \$2.5-7.5M			1 ●



Kekaulike Complex

DATA and NEEDS

Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Utilization	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kekaulike High (9-12)	1088 / 1173 / 8%	1183	10	0.99	1995 / 1997 / 22	0%	0.85 / 13
	Kalama Intermediate (6-8)	856 / 915 / 7%	989	74	0.93	1985 / 1998 / 29	0%	0.86 / 10
	Ha'iku Elementary (K-5)	493 / 457 / -7%	347	-110	1.32	1954 / 1972 / 49	60%	0.45 / 256
	Kula Elementary (K-5)	439 / 437 / 0%	495	58	0.88	1964 / 2001 / 43	69%	0.55 / 233
	Makawao Elementary (K-5)	553 / 593 / 7%	509	-84	1.17	1938 / 1968 / 66	90%	0.49 / 251
	Pa'ia Elementary (K-5)	408 / 444 / 9%	258	-186	1.72	1923 / 1938 / 88	100%	0.53 / 238
	Pukalani Elementary (K-5)	416 / 431 / 4%	416	-15	1.04	1976 / 1981 / 38	4%	0.67 / 128
	TOTAL	4,450	4,197	-253	1.06		46%	0.63

Stakeholder Voice:



We **want to learn job skills** like the trades, and there aren't enough career classes at the school. - High School Student

It's **amazing what they can do** if they are given the opportunity and have the right facilities to facilitate learning. -Teacher

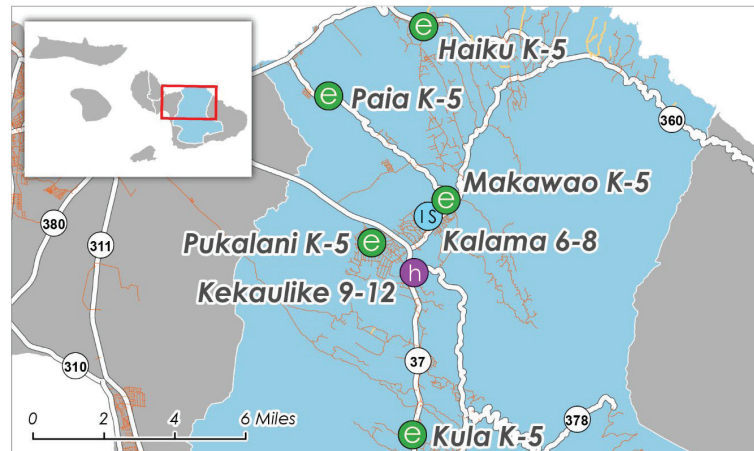
We want to get **communication skills and leadership skills...** extracurricular activities help with that. - Student

We want to **get our hands dirty and try to build something.** - Student

My kids are wet all the time...can we have **covered walkways?** - Principal

Current job market demands will begin to affect educational methods at the DOE. **Projects incorporating STEM** will become the standard. - Principal

Well-rounded, holistic education includes the arts. It should have an equal rather than competing place in our children's education. - Teacher



Challenges:



- More than half of most ES facilities are classified as old or beyond useful life
- Haiku ES, Makawao ES, and Paia ES are over-utilized
- More than 25% of capacity in portables: Kula ES, Makawao ES, Haiku ES



- Industrial Arts less than 50% of standard space: Kalama IS



- Science less than 50% of standard space: Kalama IS



- Music less than 50% of standard space: Kekaulike HS
- No dedicated music rooms at any of the five elementary schools



- Resurface courts, girls' athletic lockers, training room



- Library less than 50% of standard space: all five elementary schools



- Cafeteria less than 50% of standard space: Makawao ES, Kula ES, Haiku ES



- Admin less than 50% of standard space: Paia ES, Haiku ES, Kula ES



Kekaulike Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Haiku ES master-planned phased reconstruction on existing site

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- A plan to rebuild Haiku ES exists; execute this plan as is

Benefits

- Plan and **site** already exists. Creates new, modern learning environment. Relieves over-utilization (132%).
- Moves students from portable to permanent facilities (currently 53% of capacity is in portables).

Challenges

- Long-term project
- Swing space during construction
- Traffic
- Need to work around flood plain

Stakeholder Voice



1B Haiku ES acquire adjacent land and expand campus

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- Acquire land adjacent to Haiku ES
- Modify existing plan to rebuild Haiku ES to include adjacent site

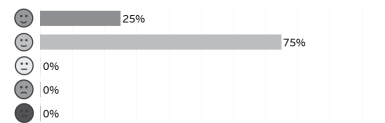
Benefits

- Same benefits as 1A
- Provides possibility for more swing space during construction if utilizing both sites for the new facility
- Potential to relocate Pre-K program to provide additional swing space
- Potential opportunity to improve traffic flow/safety on campus

Challenges

- New land acquisition (cost, red tape)
- Need a new site plan for construction

Stakeholder Voice



1C Haiku ES acquire new site, rebuild, and repurpose old site

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- Acquire land adjacent to Haiku ES
- Create new plan to rebuild Haiku ES entirely on new site and repurpose the existing site and/or facility for another use TBD

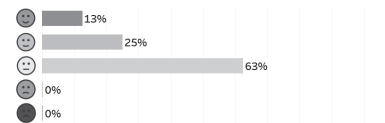
Benefits

- Same benefits as Scenario 1A
- Allows current school to operate normally while new construction takes place, solving the challenge of swing space
- Does not interrupt current school operations
- Potential land swap
- Potentially quicker construction than "piecemeal" approach
- Opportunity to build completely new

Challenges

- New land acquisition, costs
- Need a new site plan for construction
- Finding a centralized location acceptable to the local community

Stakeholder Voice



1D Haiku ES reconstruction with site TBD

\$\$\$\$\$ \$75-100M+ ! ● Priority 1

Benefits

Challenges

Recommendation



Kekaulike Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2 Kekaulike HS covered courtyard multi-use commons <ul style="list-style-type: none"> Site improvements and 20,000 square foot shade structure 	<ul style="list-style-type: none"> Creates sheltered space for school-wide assemblies and performances 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - last		5 ○
3 Kekaulike HS new building for language immersion program <ul style="list-style-type: none"> New #-classroom building for language immersion program housed at KHS Impacted by ongoing Maui Hawaiian Education Program discussion 	<ul style="list-style-type: none"> Creates new, modern learning environments 		\$\$\$\$\$ \$20-40M	●●●●● HS - #2		2 ●
4 Kekaulike HS athletic master plan projects <ul style="list-style-type: none"> Resurface courts, girls' athletic lockers, training room 	<ul style="list-style-type: none"> Athletic upgrades After-hours community use 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #4		4 ●
5 Kekaulike HS music and band expansion <ul style="list-style-type: none"> Project for \$8 million band and music improvements in process 	<ul style="list-style-type: none"> Plan already exists New, modern environments 		\$\$\$\$\$ \$20-40M	●●●●● HS - #5		5 ○
6 Kalama IS new building for language immersion program <ul style="list-style-type: none"> New #-classroom building for language immersion program housed at KMS Impacted by ongoing Maui Hawaiian Education Program discussion 	<ul style="list-style-type: none"> Creates new, flexible use learning environment 	<ul style="list-style-type: none"> Maintains safe school operations during construction 	\$\$\$\$\$ \$2.5-7.5M	●●●●● Int - #3		2 ●
7.1 Kula ES replace portables with new multi-story buildings for STEAM, Music, and Professional Learning Center	<ul style="list-style-type: none"> Creates new, flexible-use learning environment and Professional Learning Center 	<ul style="list-style-type: none"> Need to work around new septic system 	\$\$\$\$\$ \$20-40M	●●●●● ES - #4		2 ●
7.2 Kula ES new cafeteria	<ul style="list-style-type: none"> Café is 27% of standard size 	<ul style="list-style-type: none"> Need to work around new septic system 	\$\$\$\$\$ \$20-40M			1 ●
8 Paia ES phased reconstruction <ul style="list-style-type: none"> Rebuild campus for in phases 500 students to replace portables and aging, inadequate buildings Include separate wings for language immersion and neighborhood gen ed programs Impacted by ongoing Maui Hawaiian Education Program discussion 	<ul style="list-style-type: none"> New, modern learning environment. Relieves over-utilization. Replaces portables. 	<ul style="list-style-type: none"> May require off site temporary swing space. 	\$\$\$\$\$ \$40-75M	●●●●● ES - #1 tie		1 ●
9 Paia ES covered play court <ul style="list-style-type: none"> Project in process 	<ul style="list-style-type: none"> Plan already exists Creates sheltered play court 	<ul style="list-style-type: none"> Doesn't relieve crowding or over-use of portables 	\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #11		4 ●
10 Paia ES full-service cooking kitchen	<ul style="list-style-type: none"> Creates local cooking option for Paia community 	<ul style="list-style-type: none"> Doesn't relieve crowding or over-use of portables 	\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #6		2 ●
11 Makawao ES covered play court and stage <ul style="list-style-type: none"> Project in process and under construction 	<ul style="list-style-type: none"> Creates new outdoor covered play and performance space 	<ul style="list-style-type: none"> Doesn't relieve crowding or over-use of portables 	\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - last		n/a
12 Makawao ES new multi-purpose classroom addition <ul style="list-style-type: none"> Build 21st century additions in courtyard and partial portable replacement to include student multi-purpose and administrative professional learning center 	<ul style="list-style-type: none"> Creates new, modern learning environment Relieves over-utilization 		\$\$\$\$\$ \$20-40M	●●●●● ES - #10		1 ●



Kekaulike Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
13.1 Pukalani ES new multi-purpose classroom addition <ul style="list-style-type: none"> Replace portables 1-2 and/or 7-11 with new, multi-story building 	<ul style="list-style-type: none"> New, modern learning environment 		\$\$\$\$\$ \$20-40M	ES - #5		4
13.2 Pukalani ES expanded traffic loop <ul style="list-style-type: none"> Expand driveways 	<ul style="list-style-type: none"> Improves traffic and student safety during pick-up and drop-off 		\$\$\$\$\$ \$2.5-7.5M			1
13.3 Pukalani ES covered play court			\$\$\$\$\$ \$2.5-7.5M			1
14 Pukalani ES new administration/professional learning center on 4-acre adjacent site <ul style="list-style-type: none"> Change location from back of campus to front Include traffic drop-off lane and/or replace portables 	<ul style="list-style-type: none"> Creates new, modern professional learning center and office space for administration 	<ul style="list-style-type: none"> Land acquisition 	\$\$\$\$\$ \$20-40M	ES - #3		2
15 Pukalani ES new administration/PLC on 4-acre adjacent site <ul style="list-style-type: none"> Redundant to Option 14 	<ul style="list-style-type: none"> Creates new, modern PLC and office space for administration 	<ul style="list-style-type: none"> Land acquisition 	\$\$\$\$\$	ES - #9		n/a
16 Kula ES new multi-purpose classroom and cafeteria/professional learning center addition <ul style="list-style-type: none"> Replace at least portables 8,10, 11 and Building F with multi-purpose facility for STEAM, music, professional learning center, cafeteria Included in Option 7 	<ul style="list-style-type: none"> Creates new, modern learning areas to replace poor condition portables 		\$\$\$\$\$	ES - #8		n/a
17 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include roofs, electrical upgrades, window sealing, and site drainage 	<ul style="list-style-type: none"> Addresses top-priority problems 		\$\$\$\$\$ \$7.5-20M	HS/Int/ES - #1/1/1		1
18 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	HS/Int/ES - #3/2/7		1



Maui Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Avg Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Maui High (9-12)	1950 / 2126 / 9%	1639	-487	1.30	1972 / 1993 / 42	6%	0.72 / 102
	Maui Waena Intermediate (6-8)	1176 / 1243 / 6%	1091	-152	1.14	1989 / 2017 / 23	3%	0.84 / 14
	Lokelani Intermediate (6-8)	591 / 487 / -18%	723	236	0.67	1988 / 1994 / 27	0%	0.69 / 117
	Kahului Elementary (K-5)	976 / 1020 / 5%	825	-195	1.24	1952 / 1968 / 51	81%	0.52 / 242
	Kihei Elementary (K-5)	782 / 714 / -9%	943	229	0.76	1977 / 1993 / 37	6%	0.60 / 207
	Lihikai Elementary (K-5)	863 / 830 / -4%	918	88	0.90	1965 / 1980 / 49	82%	0.57 / 228
	Kamali'i Elementary (K-5)	496 / 487 / -2%	823	336	0.59	1996 / 1996 / 22	0%	0.74 / 87
	Pomaika'i Elementary (K-5)	596 / 609 / 2%	670	61	0.91	2012 / 2012 / 6	0%	0.83 / 23
	TOTAL	7,516	7,632	116	0.98		22%	0.69

Stakeholder Voice:



What message are we sending our students by putting them in temporary buildings? - High School Principal

It's amazing what they can do if they are given the opportunity and have the right facilities to facilitate learning. - Teacher

We want to get communication skills and leadership skills... extracurricular activities help with that. - Student

We want to get our hands dirty and try to build something. - Student

My kids are wet all the time...can we have covered walkways? - Principal

Current job market demands will begin to affect educational methods at the DOE. Projects incorporating STEM will become the standard. - Principal

Well-rounded, holistic education includes the arts. It should have an equal rather than competing place in our children's education. - Teacher

Challenges:



- 9% enrollment growth at Maui HS
- 18% decline at Lokelani IS



- More than half of Maui complex facilities are classified as old or beyond useful life
- Maui HS and Kahului ES are over-utilized
- Lokelani IS, Kihei ES, and Kamalii ES are under-utilized
- >25% capacity in portables at Maui HS, Lihikai ES, Kahului ES, Lokelani IS



- Industrial Arts less than 50% of standard space: Lokelani IS, Maui Waena IS



- Science less than 50% of standard space: Maui HS



- Music and Art less than 50% of standard space: Maui HS, Maui Waena IS, Lokelani IS
- No dance/drama at Maui HS
- No dedicated art or music rooms at ES



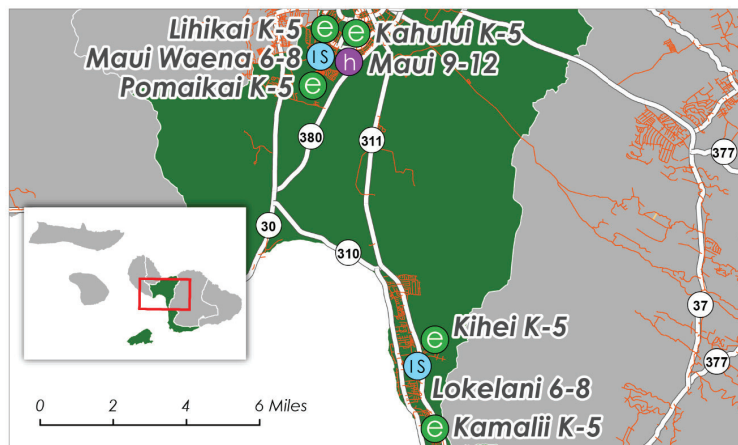
- Girls' locker room, resurface courts, training room



- Library less than 50% of standard space: Lihikai ES, Kihei ES, Kahului ES, Lokelani IS



- Cafeteria less than 50% of standard space: Pomaikai ES, Lihikai ES, Kahului ES



Maui Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Construct new middle school on site TBD

\$\$\$\$\$ \$75-100M+ ● Priority 1

- Acquire land and construct new 800-student 6-8 MS to relieve Iao IS and Maui Waena IS
- New school attendance boundary will be split between Maui and Baldwin, and students will attend HS aligned with their ES boundary
- Reduce portable classroom buildings
- Include study to determine location: new vs. old site, at Maui HS, or at a temporary location
- Pursue 1B for MS and/or HS programming (e.g., career tech with potential local partnerships)

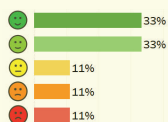
Benefits

- Reduce overcrowding at Maui Waena IS and Iao IS, which combined have a projected deficit of 382 seats and are the 4th and 8th largest IS's in the state
- Creates new, modern learning environment
- Reduces overreliance on portables
- Potential land in growing communities

Challenges

- Land acquisition is costly and time consuming
- New MS student classes will split between Maui HS and Baldwin HS

Stakeholder Voice



★★★★★

1B Convert commercial property into a new middle school

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- Acquire under-utilized commercial property such as vacant 'big-box store' and repurpose for a new 800-student 6-8 MS
- New school attendance boundary will be split between Maui and Baldwin, and students will attend HS aligned with their ES boundary
- Reduce portable classroom buildings

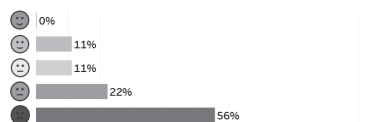
Benefits

- Could be less expensive than new construction (though renovations are not always less expensive than new construction)
- Creates new, modern learning environment
- Reduces overreliance on portables
- Potential for real-life interactions/partnerships
- Potential for new, diverse educational activities

Challenges

- Finding and acquiring property to renovate
- Existing facilities can limit the types of spaces and layouts possible when compared to new construction
- New MS student classes will split between Maui HS and Baldwin HS
- Converting commercial space into appropriate educational space and being in a public setting

Stakeholder Voice



★★★★★

1C Construct new middle school on Maui HS site

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- Construct new 800-student 6-8 MS to relieve Iao IS and Maui Waena IS on unused southwest corner of Maui HS site
- New school attendance boundary will be split between Maui and Baldwin, and students will attend HS aligned with their ES boundary
- Reduce portable classroom buildings

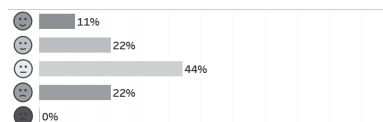
Benefits

- Reduce overcrowding at Maui Waena IS and Iao IS, which combined have a projected deficit of 382 seats and are the 4th and 8th largest IS's in the state
- Creates new, modern learning environment
- Reduces overreliance on portables
- Multi-story construction can provide larger, new facilities with increased greenspace

Challenges

- Would need to be planned in conjunction with Maui HS site master plan
- New MS student classes will split between Maui HS and Baldwin HS
- Would need to plan the site to prevent overcrowding, traffic concerns, and manage MS and HS interactions

Stakeholder Voice



★★★★★

1D Elementary schools K-6, Maui Waena IS 7-8, construct new ES

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- Move Kona Waena 6th grade to elementary schools to address crowding
- Acquire land and construct new 600-student ES (in addition to Scenario 2A/2B)
- Renovate spaces for 6th grade science
- Remove portables
- Adjust attendance boundaries

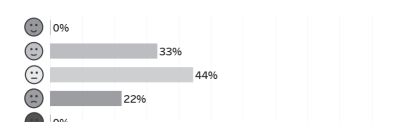
Benefits

- Relieves crowding at Iao IS
- Creates new, modern learning environment at new ES
- Introduces STEM spaces at elementary schools
- Reduces overreliance on portables

Challenges

- Land acquisition is costly and time consuming
- Grade reconfiguration requires admin and staff planning and development
- Need to change/plan all ES boundaries to prevent ES overcrowding

Stakeholder Voice



★★★★★

Recommendation

- Build a new 21st century middle school, preferably on existing land. Consider new partnerships with MCC and/or UHMC.



Maui Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

2A Construct new elementary school at Puunene, new admin/community education center at MCSA site

\$\$\$\$\$ \$40-75M ● Priority 1

- Acquire land and construct new 600-student elementary school to relieve Baldwin and Maui complex elementary schools
- 10-acre closed Puunene site is currently used for DOE offices, which would need to be relocated to an alternate site
- Puunene, plus pursue additional land from A and B and consider environmental toxicity of soils

Benefits

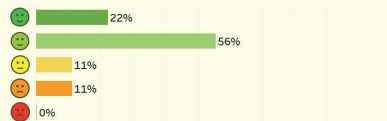


- Reduce overcrowding at Baldwin and Maui elementary schools
- Creates new, modern learning environment
- Reduces overreliance on portables
- If Puunene site is used, DOE administration would benefit from improved professional environment in closer proximity to community

Challenges

- Need new location for admin housed at Puunene
- Outside of main town (potentially isolating)

Stakeholder Voice



2B Construct new elementary school on Maui HS site

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- Construct new 600-student K-5 ES on unused southwest corner of Maui HS site
- Reduce portable classroom buildings

Benefits

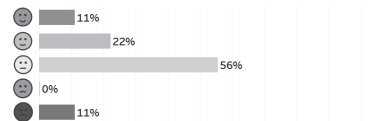


- Reduce overcrowding at Baldwin and Maui elementary schools
- Creates new, modern learning environment
- Reduces overreliance on portables
- No land acquisition costs

Challenges

- Would need to be planned in conjunction with Maui HS site master plan
- Would place another elementary school in close proximity to Kahului ES
- Must include traffic plan

Stakeholder Voice



Recommendation

- Build a new 21st century elementary school at Puunene, adjacent site, or other site if a land swap becomes viable. Build a new multi-purpose meeting, adult education, and administration space at the Maui Community School.



Maui Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
3 Maui HS phased reconstruction <ul style="list-style-type: none"> Develop long-range campus master plan Selective demolition and reconstruction of Maui HS campus with multi-story buildings Increase capacity to balance utilization between Maui HS and new Kihei HS Maintain current capacity Include irrigation 	<ul style="list-style-type: none"> Relieves overcrowding Removes outdated buildings Creates new, modern environments Opens up field space 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$ \$75-100M+	●●●●● HS - #1		1 ●
4 Maui HS athletic master plan projects <ul style="list-style-type: none"> Girls' locker room, resurface courts, training room 	<ul style="list-style-type: none"> Athletic upgrades After-hours community use 		\$\$\$\$ \$2.5-7.5M	●●●●● HS - #4		4 ●
5 Lokelani IS/Kihei ES new traffic entrance/exit loop <ul style="list-style-type: none"> Remaster driveway for Eastside to get traffic off of Lipoa Consider including new driveway along 31 Create new/modified entrance/exit loop with Lokelani IS 	<ul style="list-style-type: none"> Improves safety and efficiency of current traffic patterns on site 		\$\$\$\$ \$20-40M	●●●●● Int - #4		1 ●
6 Lokelani IS/Kihei ES new shared multi-purpose space <ul style="list-style-type: none"> Create joint administration/professional learning center/library building on existing greenspace Demolish existing library and repurpose area for greenspace and a playground Build one or more pedestrian bridges across the gulch to facilitate joint-use facilities 	<ul style="list-style-type: none"> Creates new play and multi-purpose space for administration and students 	<ul style="list-style-type: none"> Creating joint-use facility between the two adjacent schools 	\$\$\$\$ \$20-40M	●●●●● Int - last		3 ●
7 Lokelani IS convert/replace Building J for multi-purpose STEAM <ul style="list-style-type: none"> Building J is currently under-utilized. Repurpose for STEAM classroom environments to provide flexible learning spaces. 	<ul style="list-style-type: none"> Creates new, modern learning environment Replaces building in poor condition 		\$\$\$\$ \$20-40M	●●●●● Int - #2		2 ●
8 Kihei ES replace domestic water system	<ul style="list-style-type: none"> Replaces system in poor condition 		\$\$\$\$ \$2.5-7.5M	●●●●● ES - #3		1 ●
9 Kahului ES new campus commons with multi-purpose library, cafeteria, and administration <ul style="list-style-type: none"> Major renovation and selective building replacement for new flexible venue for indoor/outdoor dining, library, administration, and professional learning center 	<ul style="list-style-type: none"> Renovates facilities in poor condition Creates new, modern learning environments 		\$\$\$\$	●●●●● ES - #2		n/a
10 Rebuild Kahului ES on site <ul style="list-style-type: none"> SAC-created option 	<ul style="list-style-type: none"> Could have similar costs to renovating the school over time New, modern learning environments 	<ul style="list-style-type: none"> Extends construction on occupied site Swing space during construction 	\$\$\$\$\$ \$75-100M+	●●●●● ES - #1		1 ●
11 Pomaikai ES covered playground and walkways	<ul style="list-style-type: none"> Provides protection from the elements between buildings 		\$\$\$\$ \$2.5-7.5M	●●●●● ES - last		1 ●
12 Lihikai ES replace portable buildings with permanent classroom building to include library/maker space <ul style="list-style-type: none"> Repurpose existing library for administration (in process) Add parking to replace portables after construction 	<ul style="list-style-type: none"> Renovates facilities in poor condition Creates new, modern learning environments and collaboration spaces 		\$\$\$\$ \$20-40M	●●●●● ES - #4		1 ●



Maui Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost	Stakeholder Voice	Funding Category	Priority Tier
13 Kamalii ES covered playground	<ul style="list-style-type: none"> Creates covered play area 		\$\$\$\$ \$2.5-7.5M	ES - #8		1 ●
14 Kamalii ES expand traffic and bus loop	<ul style="list-style-type: none"> Addresses traffic concerns on campus 		\$\$\$\$ \$2.5-7.5M	ES - #5		2 ●
15 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects 	<ul style="list-style-type: none"> Addresses top priority needs at each school 		\$\$\$\$ \$7.5-20M	HS/MS/ES - #2/1/5		1 ●
16 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ \$500k-2.5M	HS/MS/ES - #3/3/7		1 ●
17 Kihei ES administration building <ul style="list-style-type: none"> Include in Option 6 			\$\$\$\$ \$20-40M			1 ●



Hana Complex DATA and NEEDS

Enrollment and Facility Data:

School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
Hāna High & Elementary (K-12)	357 / 371 / 4%	425	54	0.87	1977 / 2009 / 32	0%	0.67 / 134
TOTAL	371	425	54	0.87		0%	0.67

Stakeholder Voice:



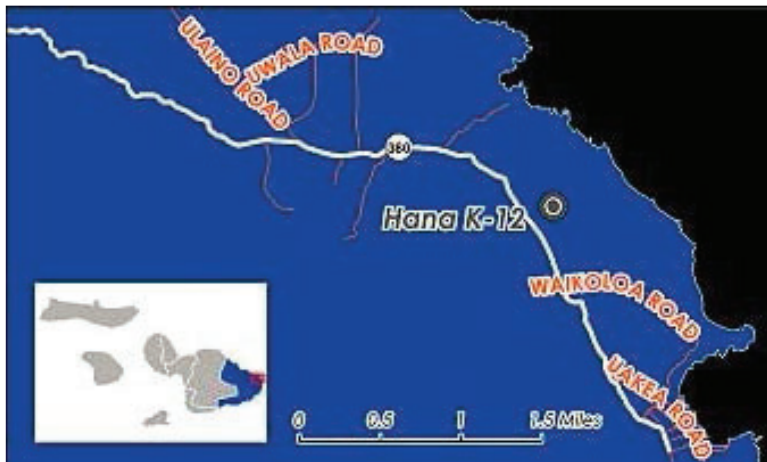
The power goes out at least once a month, and then we can't use computers. We also need better computers and furniture with wheels. - Hana Student

We're so remote and there's no local facilities support, so the school and community have to take matters in our own hands. - Hana Student

The Ma Ka Hana Ka 'Ike construction educational program has helped at-risk students build self-esteem and learn they have to power to change their future. - Hana Community Member

It's amazing what they can do if they are given the opportunity and have the right facilities to facilitate learning. - Teacher

My favorite teacher makes math fun by making us play games instead of just doing homework. - Hana 6th Grade Student



Challenges:



• Small percentage of Hana K-12 is in the tsunami zone

• Gym floor damage from salt spray



• No dedicated and equipped industrial arts space

• No dedicated and equipped special education space

• No dedicated and equipped music and art spaces

• Lockers less than 50% of standard space. No track.



• No dedicated and equipped library

• Cafeteria less than 50% of standard space

• No pool or fieldhouse in the Hana community



Hana Complex

SCENARIOS and FACILITY OPTIONS







FACILITY OPTIONS	Benefits	Challenges	Cost	Stakeholder Voice	Funding Category	Priority Tier
1 Hana K-12 covered elementary play court	<ul style="list-style-type: none"> Creates new multi-purpose covered space for students and the community 		\$\$\$\$\$\$ \$2.5-7.5M	#8		1 ●
2 Hana K-12 admin/teacher professional learning center collaboration building	<ul style="list-style-type: none"> Creates space for teacher collaboration 		\$\$\$\$\$\$ \$2.5-7.5M	#11		2 ●
3 Hana K-12 refurbish gym floor	<ul style="list-style-type: none"> Improves gym condition damaged from saltwater spray 		\$\$\$\$\$\$ \$500k-2.5M	#4		1 ●
4 Hana K-12 multi-purpose community arts and athletics center • Include Options 5 and 10	<ul style="list-style-type: none"> Provides athletic facilities and pool not currently in Hana Plan already created 		\$\$\$\$\$\$ \$20-40M	#10		1 ●
5 Hana K-12 bunk room for overnight guest • Combined with Option 4	<ul style="list-style-type: none"> Provides accommodations for overnight guests to the school: traveling students and/or adults 		\$\$\$\$\$\$ \$20-40M	#6		n/a
6 Hana K-12 acquire land makai of campus • Develop adjacent land for agriculture careers, marine science, and cultural heritage programs	<ul style="list-style-type: none"> Provides additional land to enhance academic and extra-curricular programs 	<ul style="list-style-type: none"> Land acquisition 	\$\$\$\$\$\$ \$20-40M	Last		5 ○
7 Hana K-12 air conditioning renovations • Air conditioning for all buildings on campus	<ul style="list-style-type: none"> Improves learning conditions for students and teachers 		\$\$\$\$\$\$ \$2.5-7.5M	#9		4 ●
8 Prioritized repairs and maintenance (all schools) • Safety, code, and maintenance projects	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$\$ \$7.5-20M	#2		1 ●
9 Locally-determined enhancements (all schools) • Budget allotment for each school to fund stakeholder-driven projects	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$\$ \$500k-2.5M	#7		1 ●
10 Hana Visual and Performing Arts Center • Model after the Edith Kanakaole multi-purpose stadium in Hilo • Combined with Option 4	<ul style="list-style-type: none"> Provides a multi-purpose performance and gathering venue in Hana (currently does not exist) 		\$\$\$\$\$\$ \$20-40M	#1		n/a
11 Hana new cafeteria • Build a new cafeteria designed with Hawaiian immersion and culture in mind with local input • Renovate and repurpose existing cafeteria for a bunk room (see Option 5)	<ul style="list-style-type: none"> Provides a cafeteria to support Hawaiian immersion program and provides space to renovate for overnight guests 		\$\$\$\$\$\$ \$20-40M	#3		4 ●
12 Hana green design renovations • Build off local efforts to create a net-zero campus	<ul style="list-style-type: none"> Builds off local initiatives to create a net-zero campus Reduced operational costs after initial investments 		\$\$\$\$\$\$ \$2.5-7.5M	#5		1 ●



Lahainaluna Complex

DATA and NEEDS

Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest/ Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Lahainaluna High (9-12)	1020 / 1143 / 12%	969	-174	1.18	1912 / 2014 / 39	38%	0.78 / 52
	Lahaina Intermediate (6-8)	724 / 652 / -10%	675	23	0.97	1979 / 1997 / 31	0%	0.71 / 106
	Kamehameha III Elementary (K-5)	731 / 683 / -7%	646	-37	1.06	1935 / 1959 / 58	70%	0.50 / 250
	Nahienaena Elementary (K-5)	735 / 739 / 1%	721	-18	1.02	1988 / 1998 / 24	2%	0.59 / 216
	TOTAL	3,217	3,011	-206	1.07		28%	0.65

Stakeholder Voice:



*My favorite high school class is business because we get to do **independent learning** on our own **as opposed to being told what to do**.*
- High School Freshman

*Our kids deserve more ... We have the most amazing kids, but **we fail them** at every turn.*
- High School Teacher

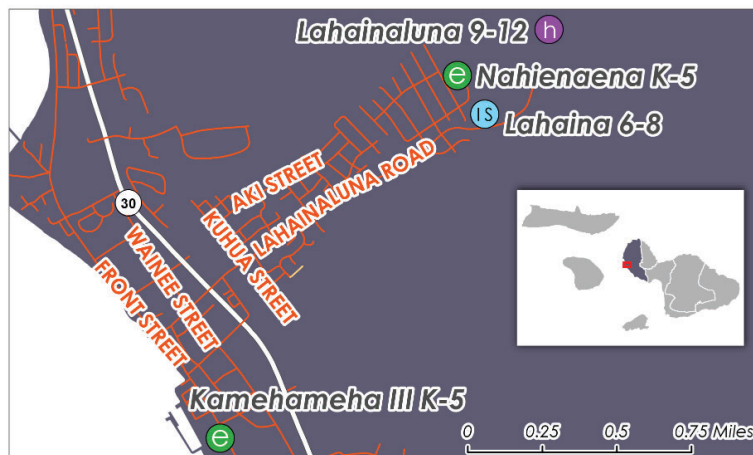
*We need more business classes and CTE. There are **only certain programs offered here compared to other schools**.*
- High School Senior



*We need to create a student experience that takes place in an **engaging, media-rich environment** promoting opportunities for both **independent and collaborative work**.*
- Maui Administrator

*We should have **more externships and work/study classes**. I've learned more at my job than in any of the courses I've taken at school.*
- High School Senior

*Honestly, I will take any strides of improvement that we can have. Almost **anything is better than what we have now**.*
- High School Senior



Challenges:



- 123 projected growth (9%) at Lahainaluna HS (12%)



- Kamehameha III ES is in flood, sea rise, and tsunami zones



- 70% of facilities at Kamehameha III ES old or beyond its expected life. More than 25% of capacity is in portables: Lahaina IS, Kamehameha III ES



- Lahainaluna HS is projected to be 118% utilized



- Industrial Arts less than 50% of standard space: Lahaina IS



- Science less than 50% of standard space: Kamehameha III ES, Nahienaena ES



- Art less than 50% of standard space: Lahainaluna HS, Kamehameha III ES, Nahienaena ES



- Athletic lockers less than 50% standard space: Lahainaluna HS
- Girls' athletic lockers, resurface courts, new wrestling room



- Library less than 50% of standard space: Lahaina IS, Nahienaena ES



- Kitchen less than 50% of standard space: Lahainaluna HS, Kamehameha III ES
- Cafeteria less than 50% of standard space: Kamehameha III ES, Nahienaena ES



- Administration less than 50% of standard space: Lahaina IS, Nahienaena ES






Lahainaluna Complex

SCENARIOS and FACILITY OPTIONS

SCENARIOS

1A Kamehameha III rebuilt on new site

\$\$\$\$\$ \$75M-100M+  ● Priority 1

- Acquire land out of flood and tsunami zones and/or conduct land-swap and construct new ES as new home for Kamehameha III ES
- At point of implementation, review complex-wide enrollment and capacity utilization to determine size of new facility, ranging from 600-800 students
- Engage community and state to determine highest and best use for the culturally significant school site, such as historic museum and cultural center
- Construct a facility the community will value through incorporating functionality that can generate revenue (possibly include teacher housing on new ES site)
- Include discussions with Kaanapali Land Management Corp. in light of Kaanapali 2020 Masterplan

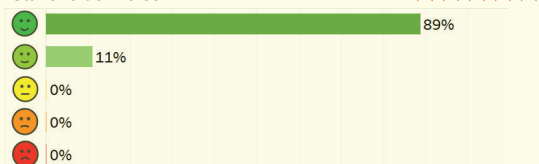
Benefits

- Move students from poor-quality facilities into new/rebuilt buildings equipped for 21st century. *Community gets modern school facility.*
- Improved safety and reduced facility risk by rebuilding out of flood zones. *Safety from flooding, sea level rise, and tsunamis.*
- New community asset. *Opportunity to generate revenue.*
- Moves school away from site affected by erosion
- Moves school away from area affected by frequent trespassing
- New site can provide better accessibility and reduce traffic in town
- Potential for shorter commute for Napili keiki
- New, safer site provides peace of mind

Challenges

- Land availability limited and acquisition is costly and time consuming
- Kamehameha III site has significant cultural value requiring intentional stakeholder engagement in local and statewide community
- Vacates an existing school facility

Stakeholder Voice



1B Kamehameha III remains on same site

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- Continue to perform limited renovations as permitted by flood zones

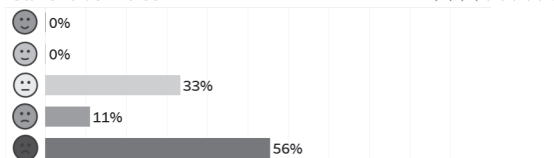
Benefits

- Utilizes existing land and facility
- No changes to vet through community
- Potential for lower cost to renovate building

Challenges

- Kamehameha III is located in flood zones restricting facility improvements
- Kamehameha III facilities are in poor condition and are among the worst equipped with spaces matching DOE design standards (#250 out of 260), with >25% of capacity in portables
- Site is densely developed with portables occupying most green spaces. Sea wall is continually eroded needing repairs.
- Not enough parking
- Trespassers onto property, and unsafe safety drills
- Construction during school hours

Stakeholder Voice



1C Kamehameha III rebuilt on Lahainaluna HS land

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- SAC-developed scenario
- Similar to 1A, except instead of procuring new land, build new ES on Lahainaluna HS's large site

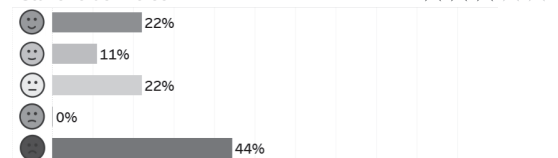
Benefits

- Cost savings - land availability on existing high school site
- Safety from flooding, sea level rise, and tsunamis
- Moves school away from site affected by erosion
- Moves school away from area affected by trespassing
- New site can provide better accessibility and reduce traffic in town
- Potential for shorter commute for Napili keiki
- Community gets modern school facility
- New, safer site provides peace of mind
- Opportunity to repurpose existing site to generate revenue

Challenges

- Traffic safety
- Mixed populations of ages
- Creating separate entrances and exits

Stakeholder Voice



Recommendation






























- Provides new, 21st century school for future area students. Current site has limited capacity for renovation due to location in flood, tsunami, and sea-level rise zones.



Lahainaluna Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 2 Lahainaluna HS phased reconstruction <ul style="list-style-type: none"> Develop long-range campus master plan Selective demolition and reconstruction of Lahainaluna HS campus with multi-story buildings on smaller footprint to open up space for fields Increase capacity by additional 300 seats 	<ul style="list-style-type: none"> Relieves overcrowding Removes outdated buildings Creates new, modern, ADA accessible learning environments Opens up field space New teacher restrooms More community space that can potentially generate revenue 	<ul style="list-style-type: none"> Extends construction on occupied site Disruption during construction Swing space Cost Disrupts landscape 	\$\$\$\$\$ \$75-100M+	 HS - #3		3 
 3 Lahainaluna HS new/renovated science classrooms <ul style="list-style-type: none"> Renovate two current science classrooms in poor condition and add/convert three science classrooms to meet standard space requirements Almost complete 	<ul style="list-style-type: none"> Provides needed condition-related renovations Adds science classrooms; currently less than 50% standard size New and modern science classrooms with appropriate equipment 	<ul style="list-style-type: none"> Ability to follow-through to completion, taking longer than expected Ensuring those that use facilities have input Disrupts school hours New buildings constructed without AC 	\$\$\$\$ \$20-40M	 HS - last		n/a
 4 Lahainaluna HS athletic masterplan projects, include cover of existing play court <ul style="list-style-type: none"> Girls' athletic lockers, resurface courts, new wrestling room Provide coaches/adults with separate offices 	<ul style="list-style-type: none"> Expands athletic opportunities Gender equity Health and safety 	<ul style="list-style-type: none"> Ability to follow-through to completion Ensuring those that use facilities have input Addressing LGBT equality Resurfaced court needs a roof 	\$\$\$\$\$ \$20-40M	 HS - #9		2 
 5 Lahainaluna HS new 8-classroom addition <ul style="list-style-type: none"> Follow through on current CIP plans for a new 8-classroom building Include band room with storage into additions and student mental health area Under contract 	<ul style="list-style-type: none"> Provides modern, flexible learning environments Resolves projected crowding 	<ul style="list-style-type: none"> Ability to follow-through to completion Ensuring those that use facilities have input 	\$\$\$\$\$ \$20-40M	 HS - #2		1 
 6 Lahaina IS new multi-purpose library/STEAM/administration space building <ul style="list-style-type: none"> Construct new, modern multi-story building to support student-teacher collaboration and 21st century instructional practices; include campus master plan 	<ul style="list-style-type: none"> Provides modern, flexible learning environments Provides library/administration spaces, which are currently less than 50% of standard size More informational resources More student space to study 	<ul style="list-style-type: none"> Choosing a building to demolish for space to build 	\$\$\$\$\$ \$20-40M	 Int - #1		2 
 7 Lahaina IS new 8-classroom building <ul style="list-style-type: none"> Follow through on current CIP plans for a new 8-classroom building 	<ul style="list-style-type: none"> Provides new, modern learning environments 		\$\$\$\$\$ \$20-40M	 Int - #3		1 
 8 Lahaina IS new multi-purpose pavilion <ul style="list-style-type: none"> Build a covered area to be used as a play court, eating area, and outdoor instruction Include enclosed space and restrooms for emergency shelter 	<ul style="list-style-type: none"> Provides multi-purpose covered area for eating, playing and instruction More community space Can generate revenue 		\$\$\$\$\$ \$20-40M	 Int - #2		1 
 9 Nahienaena ES new multi-purpose library/STEAM building/admin <ul style="list-style-type: none"> Construct new, modern multi-story library and STEAM building to support 21st century instructional practices Repurpose the two classrooms currently housing the library for classrooms 	<ul style="list-style-type: none"> Provides modern, flexible learning environments Provides library and administration spaces, which are currently less than 50% of standard size Provides a dedicated music room 		\$\$\$\$\$ \$20-40M	 ES - #1		1 
 10 Nahienaena ES new 8-classroom building <ul style="list-style-type: none"> Follow through on current CIP plans for a new 8-classroom building Almost complete 	<ul style="list-style-type: none"> Provides new, modern learning environments 		\$\$\$\$\$ \$20-40M	 ES - #5		n/a

Lahainaluna Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	11 Nahienaena ES new multi-purpose pavilion • Build a covered area to be used as a play court, eating area and outdoor instruction.	<ul style="list-style-type: none"> Provides multi-purpose covered area for eating, playing and instruction More community space Can generate revenue 		\$\$\$\$\$ \$20-40M	●●●●● ES - #2		2
	12 Prioritized repairs and maintenance (all schools) • Safety, code, and maintenance projects	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	●●●●● HS/Int/ES - #6/4/3		1
	13 Locally-determined enhancements (all schools) • Budget allotment for each school to fund stakeholder-driven projects	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	●●●●● HS/Int/ES - #4//5/3		1
	14 Lahainaluna MS and HS multi-level parking • Construct multi-level parking structure between MS and HS • Include drainage solution	<ul style="list-style-type: none"> Provides needed parking for staff, students, and community during events 		\$\$\$\$\$ \$20-40M	●●●●● HS - #7 tie		4
	15 All schools photovoltaic trees and rooftops • Install photovoltaic trees and panels at each school	<ul style="list-style-type: none"> Provides supplemental power supply needed for technology and operations 		\$\$\$\$\$	●●●●● HS - #1		n/a
	16.1 ADA accessibility (all schools)			\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #5		1
	16.2 Electrical systems upgrades/wifi (all schools) • Upgrade electrical infrastructure and increase Wi-Fi bandwidth			\$\$\$\$\$ \$2.5-7.5M			1
	16.3 Install air conditioning in classrooms			\$\$\$\$\$ \$20-40M			1
	16.4 Outdoor learning improvements • Install hydro filling stations and water fountains • Outdoor seating for dining (middle and high school)			\$\$\$\$\$ \$2.5-7.5M			4
	17 Teacher housing • Study feasibility of teacher housing	<ul style="list-style-type: none"> Provides incentives for teacher retention 	<ul style="list-style-type: none"> Managing residential property Available land 	\$\$\$\$\$ \$20-40M	●●●●● HS - #7 tie		3
	18 Lahainaluna high school CTE spaces • Construct certified kitchen for CTE culinary program • Construct auditorium • Include certified grease trap for kitchen	<ul style="list-style-type: none"> Provides modern commercial kitchen for proper culinary program delivery Provides space for musical and other arts performances and programs 		\$\$\$\$\$ \$20-40M	●●●●● HS - #2		1



Lahainaluna Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	19 Lahainaluna IS staggered schedules to improve traffic • Implies need for before/after school care/activities			\$\$\$\$\$ \$20-40M	●●●●● ES - #2		n/a
	20 Lahainaluna HS dormitory remodel			\$\$\$\$\$ \$2.5-7.5M	●●●●● HS/Int/ES - #6/4/3		4
	21 Lahainaluna HS admin building			\$\$\$\$\$ \$20-40M	●●●●● HS/Int/ES - #4/1/5/3		2
	22 Lahainaluna IS cover existing play court • Include enclosed space and restrooms for emergency shelter			\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #7 tie		2




Lanai Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Lānaʻi High & Elementary (K-12)	589 / 604 / 3%	624	20	0.97	1946 / 2014 / 47	70%	0.68 / 122
	TOTAL	604	624	20	0.97		70%	0.68

Stakeholder Voice:



We want to learn job skills like the trades, and there aren't enough career classes at the school. - High School Student

It's amazing what they can do if they are given the opportunity and have the right facilities to facilitate learning. - Teacher

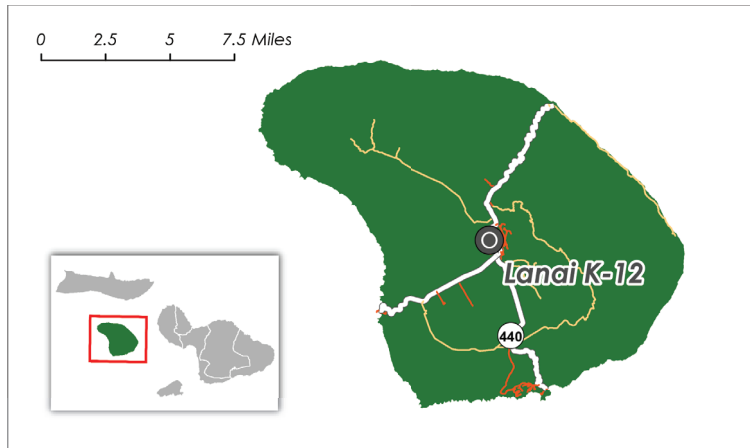
We want to get communication skills and leadership skills... extracurricular activities help with that. - Student

We want to get our hands dirty and try to build something. - Student

My kids are wet all the time...can we have covered walkways? - Principal

Current job market demands will begin to affect educational methods at the DOE. Projects incorporating STEM will become the standard. - Principal

Well-rounded, holistic education includes the arts. It should have an equal rather than competing place in our children's education." - Teacher



Challenges:



- More than half (70%) of all square footage on campus is classified as old or beyond useful life



- Art less than 50% of standard space

- PE and athletic locker space less than 50% of standard space



- Library less than 50% of standard space

- Cafeteria less than 50% of standard space

- New programs and facilities to reduce isolation and bullying



Lanai Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Lanai K-12 campus expansion

\$\$\$\$\$ \$75-100M+ Priority 4

- Follow through with funding and implementation of 2009 Lanai HS and ES Campus Master Plan
- Initiate process of acquiring 50 acres of county land to the west of the current site – see Option 10
- Continue phased campus expansion per the 2009 Plan, with phases as follows:
 - Phase 1: STEM buildings (complete)
 - Phase 2: student commons with admin, cafeteria, and library
 - Phase 3: athletic fields
 - Phase 4: Auditorium
 - Phase 5: Faculty housing

Benefits

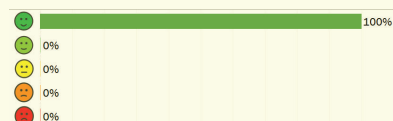
- Fulfills community-designed master plan
- Creates new, modern learning environment
- Moves students from portable to permanent facilities
- Provides athletic facilities for students and community
- Provides performance space for arts program

Challenges

- Long, narrow site would imply long walk times
- Time and cost of land acquisition
- Disruption from construction during school hours
- Re-engagement with county for land dedicated to school for expansion

Stakeholder Voice

★★★★★



1B Lanai K-12 reconstruction on existing footprint

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- Update Campus Master Plan to prioritize development of existing land, replacing older buildings with multistory structures

Benefits

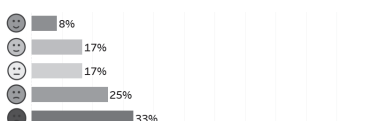
- Saves time and cost associated with land procurement
- Compact site is more easily traversed

Challenges

- Community is heavily invested in the 2009 Plan, and just wants hard work rewarded with funding
- Would require new site plan
- Construction would entail extended disruption to school operations and swing space during construction

Stakeholder Voice

★★★★★



Recommendation

- Prioritized campus projects and due diligence for long-range campus expansion



Lanai Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2 Lanai K-12 new commons/cafeteria/distributed library/performance venue <ul style="list-style-type: none"> Construct new core facilities Distribute library spaces around campus 	<ul style="list-style-type: none"> Creates sheltered space for school-wide assemblies and performances 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$\$ \$20-40M	#2		1
3 Lanai K-12 satellite nutrition centers <ul style="list-style-type: none"> Distributed food kiosks around campus for easier access during crowded lunch period 	<ul style="list-style-type: none"> Provides accessibility and additional options for food during busy lunch period 	<ul style="list-style-type: none"> Current issue: Rule that students can't take food outside of cafeteria 	\$\$\$\$\$\$ \$500k-2.5M	#6		4
4 Lanai K-12 new welcome/administration/professional development center <ul style="list-style-type: none"> Construct new multi-purpose administrative center 	<ul style="list-style-type: none"> Provides centralized administrative location for community, students, and staff 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$\$ \$20-40M	#4 – tied		3
5 Lanai K-12 change ES, MS, HS classroom locations <ul style="list-style-type: none"> Rearrange adjacency of elementary, middle, and high school classrooms by locating elementary school classrooms between middle and high school 	<ul style="list-style-type: none"> Creates separation between MS and HS students Potential to lessen behavioral incidents Makes it easier for HS students to drop off younger siblings in ES 	<ul style="list-style-type: none"> Further distances for students to get to destinations between classes Sharing CTE pathways with MS and HS is beneficial if they are next to each other 	\$\$\$\$\$\$	#8		n/a
6 Lanai K-12 21st century classroom conversions <ul style="list-style-type: none"> Create modern classrooms by renovating two classrooms into one to create STEAM space 	<ul style="list-style-type: none"> Creates new, flexible use learning environment 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$\$ \$2.5-7.5M	#4 – tied		3
7 Lanai K-12 athletic fields <ul style="list-style-type: none"> Construct athletic fields in area adjacent to existing site 	<ul style="list-style-type: none"> Provides athletic spaces for students and community 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$\$ \$2.5-7.5M	#3		2
8 Lanai K-12 visitor center <ul style="list-style-type: none"> Construct visitor center on site 	<ul style="list-style-type: none"> Provides centralized administrative location for community and students 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$\$ \$20-40M	#9		5
9 Lanai K-12 teacher housing <ul style="list-style-type: none"> Construct teacher housing on site 	<ul style="list-style-type: none"> Provides housing for teachers and possibly other civil servants on islands Additional benefit to teachers for staff retention 	<ul style="list-style-type: none"> Maintaining safe school operations during construction 	\$\$\$\$\$\$ \$2.5-7.5M	#7		5
10 Lanai K-12 initiate 50 acre land acquisition <ul style="list-style-type: none"> Acquire land adjacent to current site by re-engaging county for previously dedicated land 	<ul style="list-style-type: none"> Required if any type of expansion is performed on site Even if construction is delayed, this low-cost investment is on critical path 	<ul style="list-style-type: none"> Working with personnel not involved with initial discussions about dedicated adjacent land 	\$\$\$\$\$\$ \$2.5-7.5M	#1		1
11 Prioritized repairs and maintenance (all schools)			\$\$\$\$\$\$ \$7.5-20M			1
12 Locally-determined enhancements (all schools)			\$\$\$\$\$\$ \$500k-2.5M			4



Molokai Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg. Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Moloka'i High (9-12)	343 / 391 / 14%	513	122	0.76	1951 / 1989 / 49	56%	0.77 / 70
	Moloka'i Middle (7-8)	199 / 201 / 1%	234	33	0.86	1978 / 1978 / 41	12%	0.56 / 229
	Kaunakakai Elementary (K-6)	304 / 260 / -14%	328	68	0.79	1924 / 1989 / 56	67%	0.57 / 224
	Kilohana Elementary (K-6)	83 / 70 / -16%	177	107	0.40	1935 / 1976 / 60	54%	0.58 / 220
	Kualapu'u Elementary NCPCCS (K-6)	344 / 344 / 0%	476	132	0.72	1966 / 2006 / 38	58%	0.60 / 203
	Maunaloa Elementary (K-6)	41 / 36 / -12%	99	63	0.36	1937 / 1980 / 67	91%	0.47 / 254
	TOTAL	1,302	1,827	525	0.71		56%	0.59

Stakeholder Voice:



We always achieve beyond everyone's expectations. Just think what we could accomplish if we had the best teachers and facilities. - High School Student

Molokai schools are closely tied to the community, so facilities must be designed to be shared by community partners. A stadium and performance center would be great for us. - Administrator

It's important that we have collaborative, hands-on education with real-world job relevance. - Parent

We can't forget that we are Molokai, and must honor the 'old things,' our traditions. - Parent

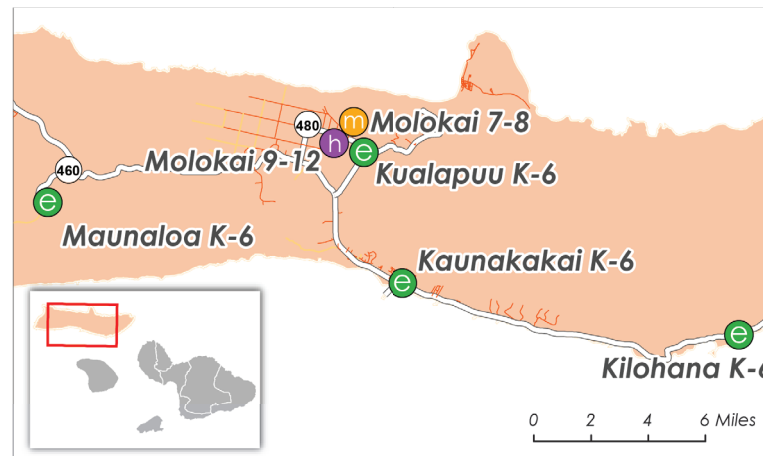
Because we're rural, we need to think about creative solutions like distance learning and a mobile digital classroom. - Parent

Gender equity in STEM. - Teacher

We should have buildings that open up so we can take the classroom outdoors. - Teacher

Our isolation makes attracting and keeping good teachers a challenge. We need better professional development with a focus on children dealing with trauma. - Teacher

Kids are vaping and getting into trouble as soon as they get to middle school. We need to offer better, more positive activities, the earlier the better. - Teacher



Challenges:



- 12 to 16% enrollment decline projected at elementary schools
- Maunaloa ES 21 of 46 (46%) students GE out or attend charter



- High flood risk: 68% of site in current flood zone: Kaunakakai ES
- Moderate flood risk: 74% of site in extreme tsunami zone: Kilohana ES



- More than half of facilities are classified as old or beyond useful life



- 29% of capacity in portables at Molokai HS



- Library less than 50% of standard space: Kualapuu ES



- No science rooms at elementary schools



- No music facilities at Molokai MS
- No dedicated art or music rooms at any of four elementary schools



- No PE locker facility at Molokai MS
- Renovate track, resurface courts, athletic lockers, training room



- Admin less than 50% of standard space: Kualapuu ES



- Space for community partners



Molokai Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Keep current operational scenario

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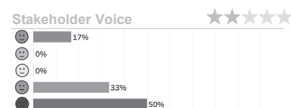
- Molokai HS 9-12, Molokai MS 7-8, and all elementary schools K-6 continue to operate within same grade configurations and on same campuses

Benefits

- No changes to implement
- Community focused
- Cheaper than new construction and/or relocations

Challenges

- Transportation time/cost
- Social Emotional Learning
- Student transitions ES-MS & MS-HS
- Small school size/inequitable budget
- Kaunakakai remains in flood zone
- Students remain in same old, unsafe facilities
- High operational costs
- Limited pre-school programs
- Difference between ES and MS grading system



1B Maunaloa Pre-K-8

\$\$\$\$\$

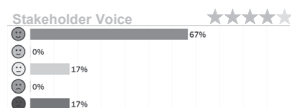
- SAC-created scenario
- Expand Maunaloa ES's "Ohana" school model from Pre-K-6 to Pre-K-8
- Renovate classrooms at Maunaloa ES for Pre-K, STEAM, & distance learning
- Maintain current Pre-K-6 operational model at Kaunakakai ES/Kilohana ES
- Create/renovate space at Maunaloa ES for community shelter-in-place

Benefits

- Less peer pressure, social behaviors for students
- Potential for greater long-term student retention by offering Pre-K programming
- Build on Maunaloa ES's "Ohana" school model
- Reduced time/cost of transportation for 7-8

Challenges

- Requires additional qualified teachers for middle grades education
- 7-8 grade lose access to MMS athletic facilities



1C Maunaloa, Kilohana, and Kaunakakai Pre-K-8

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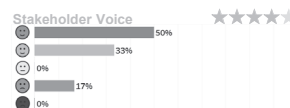
- SAC-created scenario, similar to 1B, except all three DOE-run elementary schools on Molokai go Pre-K-8, & Molokai MS is closed
- Expand Kaunakakai, Kilohana and Maunaloa from Pre-K-6 to Pre-K-8
- Convert classrooms at each Pre-K-8 school for Pre-K, STEAM, and distance learning
- Re-plan adjoining Molokai HS/MS campuses for enhanced 9-12 programs

Benefits

- Less student peer pressure and bad behaviors
- Improves long-term student retention through expanded Pre-K and reduces transitions
- Sustains student-teacher relationships
- Reduces time/cost of trans. for 7-8
- Vertical alignment (students can take advanced or remedial courses as needed Pre-K-8)
- HS can use MS site/buildings

Challenges

- Requires additional qualified teachers for middle grades education
- 7-8 grade lose access to MMS athletic facilities
- Need to collaborate with Kualapu'u PCCS on support for 7-8 students



1D Maunaloa, Kilohana, and Kaunakakai Pre-K-5; Molokai MS 6-8

\$\$\$\$\$

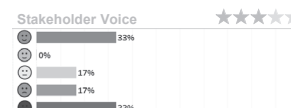
- SAC-created scenario
- Move all 6th graders to the MS
- Expand Pre-K at elementary schools
- Convert classrooms at each Pre-K-8 school for Pre-K, STEAM, and distance learning
- Build a new MS classroom building on the current MS site (5-10 classrooms)

Benefits

- Creates a larger MS, which could support more MS programming than can currently be afforded
- Offer 6th graders access to 7-8th grade courses (also true of Option 1B)
- New MS building could be sized to replace existing portables and create new parking spaces

Challenges

- Removes a grade level from Kilohana and Maunaloa that are already small, underutilized, and under-resourced, jeopardizing viability
- Would require supplemental funding (even if these became specialized programs)
- Increased time/cost of transportation for 6th
- MS would be over-utilized and require additions prior to the conversion



1E Focused stakeholder engagements to determine grade configurations and school portfolio

\$\$\$\$\$ \$20-40M Priority 1

- Consider Scenario 1C or other scenarios including one Pre-K-12 and one Pre-K-8
- Include shelter in place for all communities
- By December 2019, further engage local stakeholders to confirm island-wide configuration
- Inform identified capital projects based on confirmed configuration

Benefits

Challenges

Recommendation

- Build off SAC feedback to determine Pre-K-8 grade configuration



Molokai Complex

SCENARIOS and FACILITY OPTIONS



















Scenarios	
<p>2A Move Kaunakakai ES out of flood zone</p> <p>\$\$\$\$\$ \$75-100M+ ● Priority 1</p> <ul style="list-style-type: none"> Acquire new site through direct purchase or land swap Construct new school sized to accommodate selected operational model and grade configuration Include design for community shelter in place <p>Benefits</p> <ul style="list-style-type: none"> Reduces safety and asset preservation risks Provides new, modern facility Could be studied while moving forward with Scenario 2B Current site could be repurposed for desired functions such as visitor and/or teacher housing, professional development and retreat center, and/or community center, gardens Provides needed community shelter for disasters Planning ahead for a flooding event that is likely to occur in the future: would have time to build before a flood <p>Challenges</p> <ul style="list-style-type: none"> Land acquisition time/cost (could pursue a land swap) <p>Stakeholder Voice ★★★★★</p> <p>Recommendation</p> <ul style="list-style-type: none"> Search for a new school site. Construct new school based on the grade configuration determine through local engage. 	<p>2B Keep Kaunakakai ES on current site</p> <p>\$\$\$\$\$</p> <ul style="list-style-type: none"> Continue operating Kaunakakai ES on current site that is 68% within flood zone Perform limited renovations, repairs, and program enhancements, such as STEAM classroom conversions <p>Benefits</p> <ul style="list-style-type: none"> Modest renovations can be implemented quicker than constructing a new campus Current site is centralized on the island <p>Challenges</p> <ul style="list-style-type: none"> Flood zone limits DOE's ability to make large-scale improvements Cost to update existing facility may be similar to new construction Facilities need significant repairs Flooding appears inevitable: it will be more costly to rebuild after a flood than before <p>Stakeholder Voice ★★★★★</p>



Molokai Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	3 Molokai HS replace portables with spaces for STEM and careers <ul style="list-style-type: none">Selective demolition and new/renovated buildings for flexible, collaborative spaces for science, arts, and career technical education, such as robotics, organic agriculture, farm to school, and natural sciencesProfessional learning center with distance learning technologies	<ul style="list-style-type: none">Removes outdated buildingsNew, modern environmentsOpens up space for athletics and agricultural education	<ul style="list-style-type: none">Extends construction on occupied site	\$\$\$\$\$ \$20-40M	<div><div></div><div></div><div></div><div></div><div></div></div> HS - #2 tie		2 
	4 Molokai HS new multi-purpose outdoor commons <ul style="list-style-type: none">Construct covered outdoor venue for dining, assemblies, performances, and community use	<ul style="list-style-type: none">Provides flexible shared spaceProvides performance venue for cultural arts		\$\$\$\$\$ \$20-40M	<div><div></div><div></div><div></div><div></div><div></div></div> HS - #5 tie		5 
	5 Molokai HS athletics improvements <ul style="list-style-type: none">Top priority projects in 2016 statewide athletics masterplan: renovate track, resurface courts, athletic lockers, training room	<ul style="list-style-type: none">Enhances athletic opportunities		\$\$\$\$\$ \$2.5-7.5M	<div><div></div><div></div><div></div><div></div><div></div></div> HS - #5 tie		2 
	6 Molokai HS/MS acquire adjacent land for agriculture program <ul style="list-style-type: none">Purchase/lease land for organic agriculture production	<ul style="list-style-type: none">Turn area difficult to monitor into plots for enhance agriculture career education and 'farm to school'	<ul style="list-style-type: none">Time and cost of land acquisition	\$\$\$\$\$ \$20-40M	<div><div></div><div></div><div></div><div></div><div></div></div> HS - #4		5 
	7 Molokai MS new collaborative learning additions <ul style="list-style-type: none">Construct building additions in unused courtyard spaces to house flexible, collaborative project-based spaces in close proximity of existing classrooms. Renovate existing buildings to provide glass walls for visibility and sound barriers.Enhanced distance learning technologies and spaces	<ul style="list-style-type: none">Fosters collaborative instruction and student-focused project-based learningCould replace existing portables with space for new parking spaces		\$\$\$\$\$ \$20-40M	<div><div></div><div></div><div></div><div></div><div></div></div> MS - #4		4 
	8 Molokai MS separate entrance <ul style="list-style-type: none">Develop campus entrance off of Lihi Pali Avenue apart from Molokai HS	<ul style="list-style-type: none">Distinct entrance apart from MHSReduces bullying		\$\$\$\$\$ \$2.5-7.5M	<div><div></div><div></div><div></div><div></div><div></div></div> MS - #5 tie		5 
	9 Molokai MS new covered multi-purpose space <ul style="list-style-type: none">Construct covered outdoor space adjacent to cafeteria in courtyard between the HS and MS for dining, assemblies, and outdoor learningAdd a certified kitchen to use for culinary class and community use	<ul style="list-style-type: none">Provides flexible shared space	<ul style="list-style-type: none">Need to ensure septic is not present	\$\$\$\$\$ \$2.5-7.5M	<div><div></div><div></div><div></div><div></div><div></div></div> MS - #7		5 
	10.1 Maunaloa ES and Kilohana ES multi-purpose shelter in place <ul style="list-style-type: none">Construct covered outdoor space for dining, assemblies, outdoor learning, community use, and emergency shelter	<ul style="list-style-type: none">Shared school/community assetNearest shelter is currently 20-30 minutes away in town		\$\$\$\$\$ \$20-40M	<div><div></div><div></div><div></div><div></div><div></div></div> ES - #3 tie		1 
	10.2 Maunaloa ES classroom addition <ul style="list-style-type: none">Replace inadequate spaces used for dual-grade class instruction with modern classrooms	<ul style="list-style-type: none">New, modern environments		\$\$\$\$\$ \$20-40M			5 
	11 Kilohana ES renovations for Special Education & Pre-K programs <ul style="list-style-type: none">Classroom renovations and alterations to support life-skills instruction for high-incidence Special EducationClassroom renovations to provide adjacent restrooms and spaces appropriate for Pre-K			\$\$\$\$\$ \$2.5-7.5M	<div><div></div><div></div><div></div><div></div><div></div></div> ES - #2		4 
	12 Kilohana ES new administration building <ul style="list-style-type: none">Reconstruct school administration	<ul style="list-style-type: none">Addresses old, inadequate space in poor condition		\$\$\$\$\$ \$20-40M	<div><div></div><div></div><div></div><div></div><div></div></div> ES - #5		3 



Molokai Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	●●●●● HS/MS/ES - #1/1/1		1 ●
14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	●●●●● HS/MS/ES - #2/3/3		5 ○
15 Molokai MS Hawaiian Language Immersion Program classrooms <ul style="list-style-type: none"> Renovate spaces for language immersion programs to be shared by Molokai MS and HS 	<ul style="list-style-type: none"> Provides new, modern learning environments to support language immersion programming 		\$\$\$\$\$ \$500k-2.5M	●●●●● MS - #5 tie		2 ●
16 Molokai MS major renovation and expansion to the library to include technology and community use	<ul style="list-style-type: none"> Creates new community asset for a variety of uses including a family learning center 		\$\$\$\$\$ \$2.5-7.5M	●●●●● MS - #2		4 ●
17 Teacher housing renovations/enhancements			\$\$\$\$\$ \$2.5-7.5M			3 ●
18 Sustainable energy improvements			\$\$\$\$\$ \$2.5-7.5M			1 ●
19 Multi-purpose STEAM classrooms (all schools)			\$\$\$\$\$ \$2.5-7.5M			1 ●
20 Kaunakakai ES traffic barrier			\$\$\$\$\$ \$500k-2.5M			1 ●
21 Equipment refresh (all schools)			\$\$\$\$\$ \$500k-2.5M			1 ●
22 Kilohana ES Building A Lanai renovation <ul style="list-style-type: none"> Partially-funded 			\$\$\$\$\$ \$500k-2.5M			1 ●









APPENDIX G

Windward Options Reports

Windward District Overview

District-wide Options (Priority 1): Option FUR: Modern classroom furniture and equipment (all schools) (\$\$)				
	 Castle	 Kahuku	 Kailua	 Kalaheo
Priority 1	<ul style="list-style-type: none"> Scenario 1D: Kailua HS, Kalaheo HS, and Castle HS integrated program feasibility study (\$\$\$) Scenario 2A: Waiahole ES, Kaaawa ES, and Hauula ES campuses remain open (\$) Option 5.2: Castle HS ADA improvements (\$\$) Option 7: Castle HS athletic master plan projects (\$\$\$) Option 10: King IS major renovation to Building C (\$\$\$) Option 12: ADA accessibility projects (various schools) (\$\$) Option 13: Parking expansion and safe drop-off (various schools) (\$\$\$) Option 14: Site drainage improvements (various schools) (\$\$) Option 19: Heeiea ES air condition improvements (\$\$) Option 22: Prioritized repairs and maintenance (all schools) (\$\$) Option 23: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Scenario 1E: Kahuku complex – engage community to decide on grade configuration (\$\$\$\$\$) Scenario 2A: Kaaawa replacement school land acquisition due diligence (\$) Option 4: Kahuku HS/IS flood control (\$\$\$) Option 7: Kahuku HS/IS athletics master plan projects (\$\$\$) Option 8: Kahuku HS/IS phased reconstruction (\$\$\$\$\$) Option 9: Sunset Beach ES multi-story facility (\$\$\$) Option 14: Prioritized repairs and maintenance (all schools) (\$\$) Option 16: Hauula electrical upgrades (\$\$) Option 17: Kahuku HS/IS ADA accessibility to portables (\$) 	<ul style="list-style-type: none"> Scenario 1D: Kailua HS, Kalaheo HS, and Castle HS integrated program feasibility study (\$\$\$) Scenario 2B: Kaelepulu ES reconstruction; Keolu ES repurposed; Admin/PD Center (\$\$\$\$\$) Option 5: Kailua HS athletic master plan projects (\$\$) Option 6.1: Olomana HS/IS urgent communication systems (\$\$) Option 14: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Scenario 1D: Kailua, Kalaheo, and Castle integrated program feasibility study (\$\$\$) Option 3: Kailua IS 21st century building additions (\$\$) Option 10: Kailua ES safety, security, and ADA improvements (\$\$) Option 15: Prioritized repairs and maintenance (all schools) (\$\$) Option 17: Kalaheo HS ADA improvements (\$\$) Option 19: Kalaheo HS Building F structural improvements (\$\$)
Priority 2	<ul style="list-style-type: none"> Option 5.1: Castle HS special education improvements (\$\$) Option 6: Castle HS flood control and fire lane (\$\$) Option 18.1: Ahiimanu ES new cafeteria (\$\$\$\$) 	<ul style="list-style-type: none"> Option 13: Laie ES cafeteria (\$\$\$) Option 15: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 4: Kailua HS Visual and Performing Arts Center (\$\$\$\$\$) Option 7: Waimanalo ES/IS ADA accessibility projects (\$) Option 15: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 4: Kailua IS indoor/outdoor cafeteria addition (\$\$) Option 5: Aikahi ES air conditioning retrofit (\$\$) Option 16: Locally-determined enhancements (all schools) (\$) Option 18: Kalaheo HS band room renovation (\$\$)
Priority 3	<ul style="list-style-type: none"> Option 4: Castle HS 21st century library (\$\$\$) 		<ul style="list-style-type: none"> Option 11: Parking expansion and drop-off (various schools) (\$\$) Option 13: Maunawili ES security fencing (\$) 	<ul style="list-style-type: none"> Option 14: Kaohao ES PCS build permanent administration space (\$\$\$)
Priority 4	<ul style="list-style-type: none"> Option 8: King IS 21st century building additions (\$\$\$) Option 15: Renovate or construct classrooms for STEAM (various schools) (\$\$) Option 18.2: Ahiimanu ES STEAM/maker space (\$\$\$) Option 21: Puahala ES administration/classroom renovation (\$\$) 	<ul style="list-style-type: none"> Option 5: Kahuku HS/IS music improvements (\$\$\$) Option 6: Kahuku HS/IS health career improvements (\$\$) Option 11: Laie ES parking expansion and drop-off (\$\$) Option 12: Laie ES new classroom/admin buildings (\$\$\$) 	<ul style="list-style-type: none"> Option 6.2: Olomana HS/IS permanent facilities (\$\$) Option 9: Air conditioning retrofit projects (various schools) (\$\$) Option 10: Renovate or construct classrooms for STEAM (various schools) (\$\$) Option 16: Kaelepulu ES administration building (\$\$\$) 	<ul style="list-style-type: none"> Option 3: Kailua IS 21st century building additions (\$\$\$) Option 7: Kainalu ES parking lot expansion (\$\$) Option 13: Kaohao ES PCS cafeteria addition (\$\$)
Priority 5	<ul style="list-style-type: none"> Option 9: King IS outdoor learning space (\$) Option 11: King IS turn junkyard into educational space (\$) Option 16: Covered multi-purpose play court (various schools) (\$\$\$) Option 17: Kahaluu administration addition (\$\$) Option 20: Heeiea ES soundproof walls (\$) 	<ul style="list-style-type: none"> Option 10: Kahuku ES covered outdoor multi-purpose facility (\$\$) 	<ul style="list-style-type: none"> Option 8: Waimanalo ES/IS covered multi-purpose play court (\$\$) Option 12: Enchanted Lake ES STEAM and professional learning center (\$\$) 	<ul style="list-style-type: none"> Option 6: Aikahi ES 21st century building additions (\$\$\$) Option 8: Kainalu ES 21st century building additions (\$\$\$) Option 9: Kailua ES covered play court (\$\$) Option 11: Kailua ES professional learning center addition (\$\$) Option 12: Kailua ES build an outdoor stage and amphitheater (\$\$)



Castle Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Castle High (9-12)	1173 / 1139 / - 3%	1558	419	0.73	1950 / 1999 / 49	62%	0.80 / 41
	King Intermediate (7-8)	615 / 660 / 7%	949	289	0.70	1965 / 1995 / 49	57%	0.84 / 16
	He'eia Elementary (K-6)	451 / 426 / -6%	680	254	0.63	1960 / 1971 / 52	60%	0.63 / 163
	Kahalu'u Elementary (K-6)	286 / 219 / -23%	326	107	0.67	1963 / 1969 / 53	91%	0.60 / 208
	Kāne'ohe Elementary (K-6)	617 / 611 / -1%	585	-26	1.04	1956 / 2015 / 58	94%	0.61 / 197
	Pū'ohala Elementary (K-6)	283 / 255 / -10%	407	152	0.63	1967 / 1967 / 51	100%	0.75 / 82
	Kapunahala Elementary (K-6)	561 / 575 / 2%	570	-5	1.01	1962 / 1969 / 55	83%	0.61 / 191
	Parker Elementary (K-6)	332 / 292 / -12%	386	94	0.76	1954 / 1973 / 49	14%	0.82 / 26
	Waiāhole Elementary (K-6)	95 / 102 / 7%	228	126	0.45	1954 / 1970 / 56	82%	0.56 / 231
	'Āhuimanu Elementary (K-6)	308 / 343 / 11%	336	-7	1.02	1973 / 1977 / 42	3%	0.71 / 105
	TOTAL	4,622	6,025	1,403	0.77		65%	0.69

Stakeholder Voice:

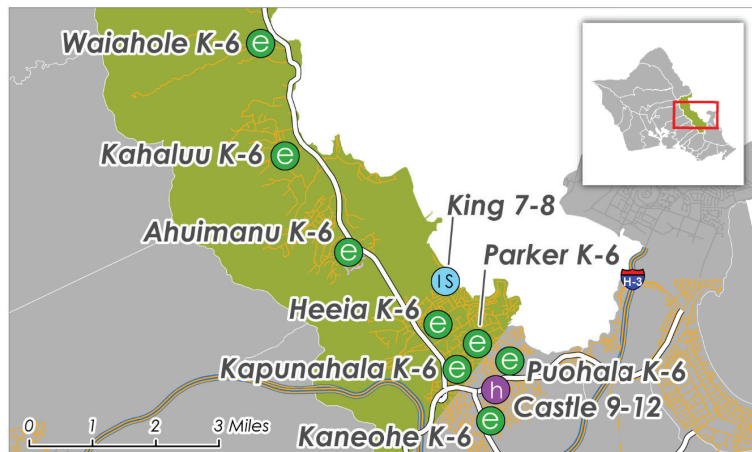


My kids would always say 'Mom, it's **embarrassing to have people come to our school**. I would like to have school that we all feel proud of. - Parent

Castle didn't have bathrooms for a full year and now they don't have a cafeteria. We have **no idea how long this renovation will take**. - Teacher

We need to look at our facilities being ADA accessible, not just because of inclusion but because kids break things a lot! King Intermediate kids **miss out on class** if they are on crutches. - Community Member

Windward does a good job supporting teachers for CTE despite having limited space for professional development. How cool would it be if we had an **innovation lab location** where teachers can learn collaboratively? - Teacher



Challenges:



- 45%-62% of elementary students GE out or attend charter



- Moderate flood risk: site in extreme tsunami zone (Puohala ES)



- Over half of facilities are classified as old or beyond useful life



- Most schools have underutilized capacity



- Industrial Arts less than 50% of standard space: Castle HS, King IS



- No science rooms at most elementary schools



- No dedicated art or music rooms at most elementary schools



- Resurface courts, girls lockers



- Library less than 50% of standard space: Hee'ia ES, Kaneohe ES



- Cafeteria less than 50% of standard space: Kapunahala ES



- Admin less than 50% of standard space: Hee'ia ES, Kapunahala ES



- Professional development space



Castle Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (1A-1D apply to Castle, Kailua, and Kalaheo complexes)

1A Castle HS, Kailua HS, and Kalaheo HS maintain separate programs

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- Kailua HS and Kalaheo HS continue to operate as separate 9-12 programs (see Kalaheo Complex report for Kalaheo HS options)

Benefits

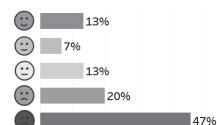
- No changes to implement
- Smaller schools can seem more personalized and less overwhelming to some stakeholders, though at expense of the size and scale that allows resources for diverse program offerings

Challenges

- Due to declining population, Kalaheo HS at ~800 enrollment and Kailua HS at ~750 are individually 6th and 5th smallest HI high schools out of 33
- Based on funding weighted student formulas, smaller HS's are limited in programs offered
- Kalaheo HS operates on a small, former MS site with limited acreage for parking and athletics, with hilly ADA accessibility challenges
- More than half of buildings >50 years old
- Kalaheo HS and Kailua HS (2.6 miles apart) operate with combined 800 surplus capacity
- Currently experiencing high teacher turnover

Stakeholder Voice

★★★★★



1B Kailua HS and Kalaheo HS single high school at Kailua HS campus

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- (Doesn't affect Castle HS)
- Merge Kalaheo HS program with Kailua HS at the larger Kailua HS campus
- Build multi-story addition (300+ capacity) and planned performing arts center at Kailua HS
- Work with local community to explore options for repurposing the Kalaheo HS campus

Benefits

- Kalaheo HS students gain access to academic and athletic facilities not present and not possible to construct on the Kalaheo HS site (formerly a MS)
- Improve capacity utilization. Kalaheo HS and Kailua HS currently have combined 800 surplus seats
- Invest in one HS campus rather than split funding between two, under-utilized campuses
- Kalaheo HS campus could be used for other educational or revenue-generating purposes
- More operational dollars from WSF

Challenges

- School consolidation requires significant stakeholder outreach and operational planning
- Traffic from Castle Junction area
- Though only 2.6 miles away, Kailua is further from Marine Corps Base Hawaii
- Merging campus communities and cultures (could be a challenge and a benefit)

Stakeholder Voice

★★★★★



1C Kalaheo HS consolidated into Castle HS and Kailua HS

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- SAC-created scenario, similar to 1B except Kalaheo HS attendance boundary is split between Castle HS and Kailua HS, instead of Kailua HS only
- Replace ## portables at Castle with permanent facilities with ### capacity and build performing arts center at Kailua HS

Benefits

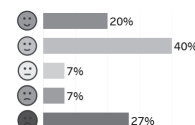
- Kalaheo HS students gain access to academic and athletic facilities not present and not possible to construct on the Kalaheo HS site (formerly a MS)
- Improve capacity utilization. Kalaheo HS, Castle HS, and Kailua HS currently have a combined 1,224 surplus seats
- Kalaheo HS campus could be used for other educational or revenue-generating purposes

Challenges

- School consolidation requires significant stakeholder outreach and operational planning

Stakeholder Voice

★★★★★



1D Kailua HS, Kalaheo HS, and Castle HS integrated program feasibility study

\$\$\$\$\$ \$20-40M ● Priority 1

- SAC-created scenario: three campuses merge into a single "community college model" high school program by December 2019, with synchronized schedules and transportation between campuses
- Each campus focuses staff and facilities in complementary program areas (e.g., Career Technical Education, STEM, visual and performing arts, humanities)
- Engage community in 3-5 strategic planning workshops

Benefits

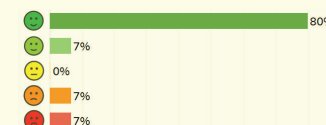
- Combines operational budget based on over 2,700 students while allowing each campus to concentrate their resources in specialized programmatic, staffing, and facility investments
- Improved program quality and diversity (Career Technical Education, Gifted & Talented, Advanced Placement, college prep, music, athletics)
- Avoids diluting limited dollars by sharing of resources for all staff and students.

Challenges

- Significant operational change requires extensive stakeholder outreach and operational planning
- Requires highly coordinated scheduling between campuses
- Increased transportation costs

Stakeholder Voice

★★★★★



Recommendation

- Focused with area stakeholders on the model proposed by the SAC, which addresses the shared challenges of limited operational and capital funds by creating a one-of-a-kind high school partnership



Castle Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

2A Waiahole ES, Kaaawa ES, and Hauula ES campuses remain open

\$\$\$\$\$ \$500k-2.5M ● Priority 1

- Three-school scenario: Maintain operations 'as is' at Kaaawa ES (Kahuku), Hauula ES (Kahuku), and Waiahole ES (Castle)
- Perform limited renovations as permitted by flood zones
- Explore land acquisition in Kualoa Ranch and/or land swap
- General R&M and pursue STEAM renovations

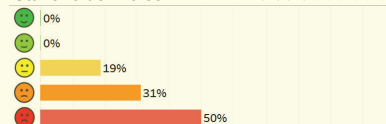
Benefits

- No changes to implement
- Walkable community schools for those who don't elect Geographic Exceptions

Challenges

- Three schools are among smallest in the state
- Based on funding weighted student formulas, smaller ES's struggle to offer enrichment programs and sometimes need to assign multiple grades to teachers
- High proportion of students GE out: Kaaawa ES (49%), Hauula ES (41%), and Waiahole ES (62%), not including those who choose private schools
- Facilities are in poor condition and are among the poorest equipped with spaces matching DOE design standards - Kaaawa ES (260), Hauula ES (237), and Waiahole ES (231) out of 260
- Kaaawa ES and Hauula ES located in flood zones restricting allowable facility improvements

Stakeholder Voice



2B Waiahole ES and Hauula ES reconstruction; Kaaawa ES community center

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- Two-school scenario: Re-plan Hauula ES and/or Waiahole ES campuses for major reconstruction to accommodate ### enrollment for Kaaawa ES, Hauula ES, and Waiahole ES students
- Repurpose Kaaawa campus for community-designed public use, such as after-school sports/recreation, satellite remote learning center, adult education, community clinic

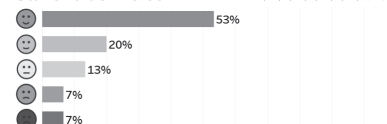
Benefits

- Larger schools can offer more enrichment programs such as language, music, and art
- Move all students from state's worst facilities into new/rebuilt buildings equipped for 21st century
- Improved safety and reduced facility risk by rebuilding out of flood zones
- New community asset in Kaaawa

Challenges

- School consolidation requires significant stakeholder outreach and operational planning
- Increased transportation – 7 miles from Kaaawa ES to Hauula ES, and 6 miles from Kaaawa ES to Waiahole ES; **especially challenging when the Waikane river floods**
- Ensuring the community asset created in Kaaawa meets local needs and expectations
- Need to expand parking at Waiahole ES

Stakeholder Voice



2C Waiahole 6-12 language magnet school

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- SAC-created option, same as 2A but includes converting Waiahole ES into a DOE or charter 6-12 language immersion magnet school
- Consolidate Waiahole ES and Kahaluu ES boundaries and build new 5-classroom building at Kahaluu ES to accommodate ~100 Waiahole ES students

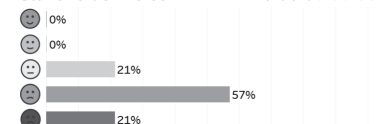
Benefits

- Same as 2A+ additional program options for area families
- Builds secondary school option for language immersion (specifically Puohala ES and Haaula ES families)

Challenges

- Same as 2A + additional move for students who would move from Waiahole ES to Kahaluu ES
- Requires significant community engagement
- Waiahole requires electrical and plumbing upgrades

Stakeholder Voice



2D Waiahole 6-12 language magnet school; Kaaawa community center

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- SAC-created option, same as 2B (repurpose Kaaawa ES) but also includes converting Waiahole into a DOE or charter 6-12 language immersion magnet school
- Consolidate Waiahole ES and Kahaluu ES boundaries and build new 5-classroom building at Kahaluu ES to accommodate ~100 Waiahole ES students

Benefits

- Same as 2B + additional program options for area families
- Builds secondary school option for language immersion (specifically Puohala ES and Haaula ES families)

Challenges

- Same as 2B + additional move for students who would move from Waiahole ES to Kahaluu ES
- Requires significant community engagement
- Waiahole ES requires electrical and plumbing upgrades

Stakeholder Voice



Recommendation

- Explore a land swap with a local business to provide a new home for Kaaawa and/or Hauula ES, which currently sit in flood zones that limit the viability of renovating these schools to modern standards



Castle Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (3A-3D apply to Castle Kahuku complexes)

3A King IS Windward District administration offices remain behind King IS 'as is'

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- Continue housing Windward District administration at back of King IS
- General R&M and pursue STEAM classroom renovations

Benefits

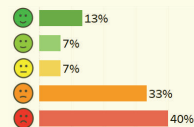
- No operational disruption or cost associated with other scenarios

Challenges

- Poor public access and wayfinding to Windward District offices
- Little separation between King IS and Windward District offices
- Need for additional parking
- Current location not centralized for Windward

Stakeholder Voice

★★★★★



3B King IS Windward District administration site redesigned for improved separation and wayfinding

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- Re-plan King IS to more clearly delineate separate school campus from Windward District offices
- Improve public access, parking, and clear campus wayfinding

Benefits

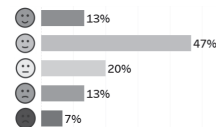
- Improves public access (including DAGs and National Guard) and wayfinding to Windward District offices
- Provides separation between King IS and Windward District offices

Challenges

- Operational disruption during construction
- Cost versus 1A
- ADA compatibility
- Need for additional parking

Stakeholder Voice

★★★★★



3C King IS Windward District administration moves new offices at repurposed Keolu ES site

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- (Refer to Kailua Complex Scenario 2B)
- Re-plan and reconstruct Kaelepulu ES campus as 21st century Kaelepulu/Keolu ES
- Repurpose Keolu ES for Windward District administration offices
- Repurpose spaces at King IS currently occupied by Windward District admin for educational use

Benefits

- Increased safety and security at King IS
- Centralized, publicly accessible professional administrative offices that promote collaboration
- Reclaim classroom spaces at various schools occupied by non-school personnel for educational purposes
- Centralized location for Windward District administration

Challenges

- Recaptured capacity would cause King IS to have even lower utilization than current 70%
- Cost versus 1A
- Keolu ES not a central location for Windward
- School offices; especially for Kahuku
- Keolu ES would need rebuilt prior to repurposing

Stakeholder Voice

★★★★★



3D Satellite District offices in Kailua, Kalaheo, and Kahuku

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- SAC-created option
- Distribute Windward District offices across Windward complexes
- Renovate surplus space or build new

Benefits

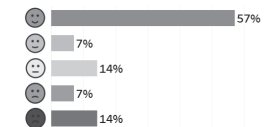
- Provides access to District offices in various locations throughout Windward

Challenges

- Distributing District functions and personnel as opposed to having them in a consolidating location

Stakeholder Voice

★★★★★



Recommendation

























- Keep District offices in their current location at King IS for the foreseeable future unless new land for development becomes a reality



Castle Complex

SCENARIOS and FACILITY OPTIONS



























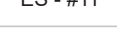



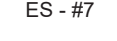



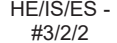



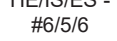


FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	4 Castle HS 21st century library <ul style="list-style-type: none"> Construct new library with flexible project-based learning spaces Repurpose existing library for administration and professional learning center Expansion of Admin Improve wayfinding and security 	<ul style="list-style-type: none"> Provides modern library and flexible learning space Supports teacher collaboration 		\$\$\$\$\$ \$20-40M	●●●●● HS - #3 tie		3 ●
	5.1 Castle HS special education improvements <ul style="list-style-type: none"> Renovate two+ classrooms for Life Skills and self-contained SPED program Existing project 	<ul style="list-style-type: none"> Improves access and equity for special education students 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #2		2 ●
	5.2 Castle HS ADA improvements <ul style="list-style-type: none"> Retrofit campus and repair sidewalks to be ADA compliant and accessible Existing project 	<ul style="list-style-type: none"> Improves access and equity for students with ADA challenges 		\$\$\$\$\$ \$2.5-7.5M			1 ●
	6 Castle HS flood control and fire lane <ul style="list-style-type: none"> Fund current drainage improvement plan Remove surplus portables in poor condition and construct a fire lane 	<ul style="list-style-type: none"> Improves safety and reduces building preservation risk 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #1		2 ●
	7 Castle HS athletic master plan projects <ul style="list-style-type: none"> Resurface courts, girls lockers 	<ul style="list-style-type: none"> Improves equity and athletic program 		\$\$\$\$\$ \$20-40M	●●●●● HS - #5		1 ●
	8 King IS 21st century building additions <ul style="list-style-type: none"> Construct additions in unused courtyards between classroom buildings to provide collaborative learning spaces associated with existing classrooms 	<ul style="list-style-type: none"> Provides modern learning environment 		\$\$\$\$\$ \$20-40M	●●●●● IS - #1		4 ●
	9 King IS outdoor learning space <ul style="list-style-type: none"> Clear brush at back side of campus and construct outdoor learning area 	<ul style="list-style-type: none"> Provides for outdoor learning 		\$\$\$\$\$ \$500k-2.5M	●●●●● IS - #6		5 ○
	10 King IS major renovation to Building C <ul style="list-style-type: none"> Renovate/rebuild Building C that has heavy corrosion into flexible learning environments 	<ul style="list-style-type: none"> Improves building condition Collaborative learning 		\$\$\$\$\$ \$20-40M	●●●●● IS - 3 tie		1 ●
	11 King IS turn junkyard into educational space <ul style="list-style-type: none"> Remove maintenance junkyard/laydown area on north end of campus and restore site for educational use such as a school garden 	<ul style="list-style-type: none"> Safety 		\$\$\$\$\$ \$500k-2.5M	●●●●● IS - 3 tie		5 ○
	12 ADA accessibility projects (various schools) <ul style="list-style-type: none"> Parker ES add elevator to access second floors Ahuimanu ES make pathway to cafeteria ADA compliant/accessible 	<ul style="list-style-type: none"> Improves ADA compliance and universal accessibility 		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #1		1 ●
	13 Parking expansion and safe drop-off (various schools) <ul style="list-style-type: none"> Requested by Kaneohe ES, Puohala ES, Kapunahala ES, Parker ES, Waiahole ES 	<ul style="list-style-type: none"> Pedestrian safety Staff convenience and community access to school 		\$\$\$\$\$ \$20-40M	●●●●● ES - #8		1 ●
	14 Site drainage improvements (various schools) <ul style="list-style-type: none"> Requested by Kahaluu ES, Parker ES, Ahuimanu ES 			\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #3		1 ●



Castle Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	15 Renovate or construct classrooms for STEAM (various schools) <ul style="list-style-type: none"> Provide plumbing for science/art, flexible furniture, acoustical dividers, and renovations Requested by Kahaluu ES, Kaneohe ES, Kapunahala ES, Waiahole ES 	<ul style="list-style-type: none"> Improves building condition Provides modern learning environment 		\$\$\$\$\$ \$2.5-7.5M	 ES - #5		4 
	16 Covered multi-purpose play court (various schools) <ul style="list-style-type: none"> Requested by Waiahole ES, Ahuimanu ES 	<ul style="list-style-type: none"> Provides covered outdoor multi-purpose space 		\$\$\$\$\$ \$20-40M	 ES - #9		5 
	17 Kahaluu administration addition <ul style="list-style-type: none"> Consider location between Building A and the cafeteria 	<ul style="list-style-type: none"> Provides modern administration offices and space for teacher collaboration 		\$\$\$\$\$ \$2.5-7.5M	 ES - #10		5 
	18.1 Ahuimanu ES new cafeteria <ul style="list-style-type: none"> Construct new cafeteria between academic buildings to facilitate Pre-K 	<ul style="list-style-type: none"> Right-sized multi-purpose cafeteria 		\$\$\$\$\$ \$20-40M	 ES - #4		2 
	18.2 Ahuimanu ES STEAM/maker space <ul style="list-style-type: none"> Repurpose current cafeteria for STEAM/maker space 	<ul style="list-style-type: none"> Right-sized multi-purpose cafeteria New flexible learning environment 		\$\$\$\$\$ \$20-40M			4 
	19 Heeia ES air conditioning improvements <ul style="list-style-type: none"> Fund existing plan to AC two-story pod 	<ul style="list-style-type: none"> AC improvements 		\$\$\$\$\$ \$2.5-7.5M	 ES - last		1 
	20 Heeia ES soundproof walls <ul style="list-style-type: none"> Replace poor condition accordion walls with new acoustically treated and moveable walls 	<ul style="list-style-type: none"> Improves building condition Creates capacity to use or partition classrooms 		\$\$\$\$\$ \$500k-2.5M	 ES - #11		5 
	21 Puohala ES administration/classroom renovation <ul style="list-style-type: none"> Renovate/construct admin offices from current classroom to front of site near parent drop-off Repurpose classroom currently housing administration for educational use 	<ul style="list-style-type: none"> Right sizes admin space where entry can be monitored for security Provides new learning environments 		\$\$\$\$\$ \$2.5-7.5M	 ES - #7		4 
	22 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage 	<ul style="list-style-type: none"> Addresses top priority needs at each school 		\$\$\$\$\$ \$7.5-20M	 HE/IS/ES - #3/2/2		1 
	23 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects E.g., Kaneohe ES net-zero portable 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 HE/IS/ES - #6/5/6		1 



Kahuku Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kahuku High & Intermediate (7-12)	1390 / 1356 / -2%	1592	236	0.85	1951 / 1993 / 41	31%	0.78 / 59
	Hauula Elementary (K-6)	343 / 383 / 12%	330	-53	1.16	1951 / 1974 / 52	63%	0.54 / 237
	Ka'a'awa Elementary (K-6)	125 / 114 / -9%	161	47	0.71	1940 / 1960 / 60	86%	0.38 / 260
	La'ie Elementary (K-6)	671 / 678 / 1%	867	189	0.78	1951 / 1996 / 50	59%	0.61 / 187
	Sunset Beach Elementary (K-6)	445 / 422 / -5%	467	45	0.90	1990 / 2008 / 33	36%	0.61 / 190
	Kahuku Elementary (K-6)	425 / 389 / -8%	424	35	0.92	1988 / 1997 / 27	0%	0.77 / 69
	TOTAL	3,342	3,841	499	0.87		46%	0.61

Stakeholder Voice:

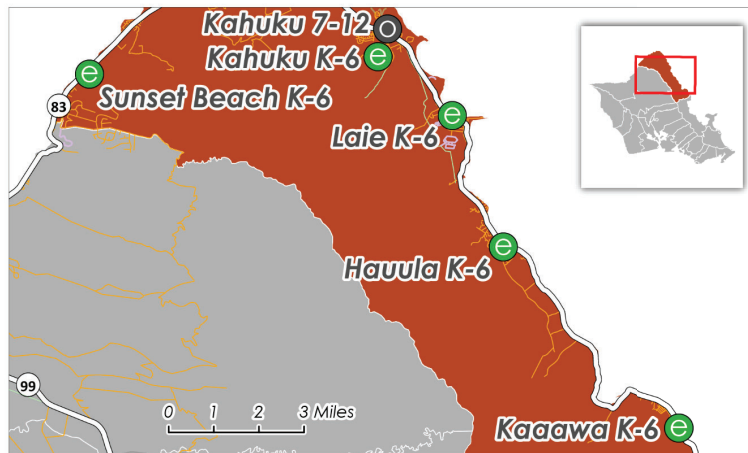


I learn best by going outside and doing things with my hands, not reading books. That's why I love the agriculture class. - Student

*This year, 200 parents were fighting for their kids to have **one of the 25 spots** in the Kahuku early college program. - Parent*

*It happens every time it rains a lot, and it is just **embarrassing to our school** that we have to move the football game to another place. - Parent*

*We love having **Intermediate with High School**. It's scary at first for the 7th graders, but after a few weeks they're used to it, and it's great. - Parent*



Challenges:



- Kaaawa ES 42 of 87 (48%) and Hauula ES 175 of 428 (41%) of students GE out or attend charter



- High flood risk: 98% and 47% of site in flood zone (Kaaawa, Hauula)
- Moderate flood risk: site in extreme tsunami zone (all)



- Nearly half of facilities are classified as old or beyond useful life



- Kaaawa ES and Laie ES have under-utilized capacity
- More than 25% of capacity in portables: Hauula, Laie, Sunset Beach, Kaaawa



- Industrial Arts less than 50% of standard space: Kahuku HS and IS



- No science rooms at elementary schools



- Art and music less than 50% of standard space: Kahuku High & IS
- No dedicated art or music rooms at elementary schools



- Resurface courts, training room, renovate field, renovate track



- Library less than 50% of standard space: Webling ES



- Cafeteria less than 50% of standard space: Kahuku EI, Kaaawa, Hauula



- Admin less than 50% of standard space: Hauula ES, Sunset Beach ES



- Expand Pre-K education at elementary schools



Kahuku Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Keep current operational scenario

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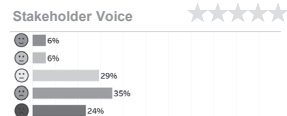
- Kahuku HS/IS remains 7-12, and elementary schools remain Pre-K-6
- Schools remain on same sites

Benefits

- No changes to implement

Challenges

- Limited space for desired expansion of Pre-K programs at elementary schools
- Limited cafeteria space



1B Kahuku HS/IS 6-12, Pre-K-5 elementary schools

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- Enroll all ### 6th grade students at Kahuku HS/IS, reconfigured from 7-12 to 6-12
- Re-plan Kahuku HS/IS campus to accommodate expanded IS
- Construct/renovate # classrooms at all Kahuku elementary schools for expanded Pre-K programs

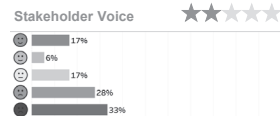


Benefits

- Facilitate desired expansion of Pre-K programs at elementary schools at low cost
- Moving 6th to Kahuku IS implies minimal operational change
- Additional program offerings for 6th graders

Challenges

- Grade reconfiguration implies planning and staff development
- Potential social challenges for 6th graders



1C Kahuku HS 9-12, New 6-8 IS, Pre-K-5 ES's

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- Acquire land or pursue land-swaps for property above flood zones in centralized location between Laie and Hauula
- Construct new ### student intermediate school to serve all ### Kahuku 6-8 students
- Re-plan Kahuku HS/IS campus to accommodate focused high school program
- Construct/renovate # classrooms at all Kahuku elementary schools for expanded Pre-K programs

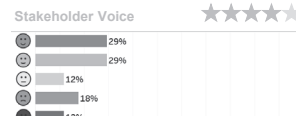


Benefits

- Facilitate desired expansion of Pre-K programs at elementary schools at low cost
- Separation of IS from HS allows schools to focus on each grade level's distinct challenges
- 21st century learning environments

Challenges

- Grade reconfiguration implies planning and staff development
- Change of Kahuku HS/IS tradition
- Transportation impacts
- The location, time, and cost of land procurement



1D Kahuku HS 9-12, Hauula 6-8 IS, Pre-K-5 ES's

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- Similar to 1C, except Hauula ES is converted to a ### student IS, and Hauula ES students attend other schools
- Re-construct Hauula facilities above flood zone to serve all ### Kahuku 6-8 students
- Re-plan Kahuku HS/IS campus to accommodate focused high school program
- Construct/renovate # classrooms at all Kahuku elementary schools for expanded Pre-K programs

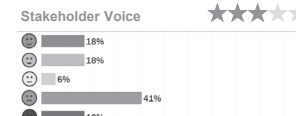


Benefits

- Facilitate desired expansion of Pre-K programs at elementary schools at low cost
- Separation of IS from HS allows schools to focus on each grade level's distinct challenges
- 21st century learning environments
- Existing land for new construction (cost effective)

Challenges

- Grade reconfiguration implies planning and staff development
- Change of Kahuku HS/IS tradition
- Transportation impacts; especially from Sunset Beach in the winter. Laie is more centralized



1E Kahuku complex – engage community to decide on grade configuration

\$\$\$\$\$ \$75-100M+



- Priority 1

- By December 2019, form committee and engage in three to five strategic planning workshops
- Determine site-specific design needs for ES, IS, and HS accordingly
- Build new capacity at Kahuku HS to replace portables
- Build or renovate at least two classrooms at every ES for Pre-K

Benefits

- Community-building
- Determines long-term grade configuration prior to major capital investments

Challenges

Recommendation

- Replace portables on site with permanent construction. Engage local stakeholders to determine the long-term grade configuration that will inform design.



Kahuku Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (2A-2D apply to Castle and Kahuku complexes)

2A Kaaawa replacement school land acquisition due diligence

\$\$\$\$\$ \$500k-2.5M ● Priority 1

- Three-school scenario: Maintain operations 'as is' at Kaaawa (Kahuku), Hauula (Kahuku), and Waiahole (Castle)
- Perform limited renovations as permitted by flood zones
- General R&M and pursue STEAM renovations

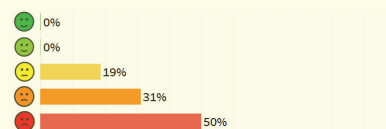
Benefits

- No changes to implement
- Walkable community schools for those who don't elect Geographic Exceptions

Challenges

- Three schools are among smallest in the state
- Based on funding weighted student formulas, smaller elementary schools struggle to offer enrichment programs and sometimes need to assign multiple grades to teachers
- High proportion of students GE out: Kaaawa (49%), Hauula (41%), and Waiahole (62%), not including those who choose private schools
- Facilities are in poor condition and are among the poorest equipped with spaces matching DOE design standards - Kaaawa (260), Hauula (237), and Waiahole (231) out of 260
- Kaaawa and Hauula located in flood zones restricting allowable facility improvements

Stakeholder Voice



2B Waiahole/Hauula reconstruction; Kaaawa community center

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- Two-school scenario: Re-plan Hauula and/or Waiahole campuses for major reconstruction to accommodate ### enrollment for Kaaawa, Hauula, and Waiahole elementary students
- Repurpose Kaaawa campus for community-designed public use, such as after-school sports/recreation, satellite remote learning center, adult education, community clinic

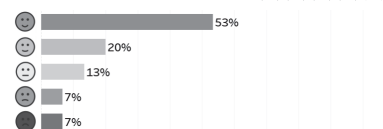
Benefits

- Larger schools can offer more enrichment programs such as language, music, and art
- Move all students from state's worst facilities into new/rebuilt buildings equipped for 21st century
- Improved safety and reduced facility risk by rebuilding out of flood zones
- New community asset in Kaaawa.

Challenges

- School consolidation requires significant stakeholder outreach and operational planning
- Increased transportation – 7 miles from Kaaawa to Hauula, and 6 miles from Kaaawa to Waiahole; especially challenging when the Waikane river floods
- Ensuring the community asset created in Kaaawa meets local needs and expectations
- Need to expand parking at Waiahole

Stakeholder Voice



2C Waiahole 6-12 language magnet school

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- SAC-created option, same as 2A but includes converting Waiahole into a DOE or charter 6-12 language immersion magnet school
- Consolidate Waiahole and Kahaluu boundaries and build new 5-classroom building at Kahaluu; to accommodate ~100 Waiāhole ES students

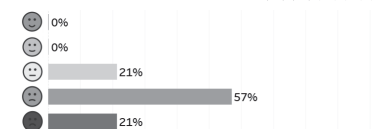
Benefits

- Same as 2A+ additional program options for area families.
- Builds secondary school option for language immersion (specifically Puohala El and Haaula El families)

Challenges

- Same as 2A + additional move for students who would move from Waiāhole to Kalahu'u.
- Requires significant community engagement
- Waiāhole requires electrical and plumbing upgrades

Stakeholder Voice



2D Waiahole 6-12 language magnet school; Kaaawa community center

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- SAC-created option, same as 2B (repurpose Kaaawa) but also includes converting Waiahole into a DOE or charter 6-12 language immersion magnet school
- Consolidate Waiahole and Kahaluu boundaries and build new 5-classroom building at Kahaluu; to accommodate ~100 Waiāhole ES students

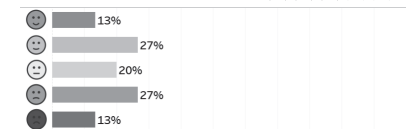
Benefits

- Same as 2B + additional program options for area families
- Builds secondary school option for language immersion (specifically Puohala ES and Haaula ES families)

Challenges

- Same as 2B + additional move for students who would move from Waiahole to Kalahu'u
- Requires significant community engagement
- Waiahole requires electrical and plumbing upgrades

Stakeholder Voice



Recommendation

- Explore a land swap with a local business to provide a new home for Kaaawa and/or Hauula ES, which currently sit in flood zones that limit the viability of renovating these schools to modern standards



Kahuku Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (3B applies to Kahuku and Waialua complexes)

3A Maintain current operational model

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- Maintain current programs and operational models at Kahuku 7-12 and Waialua 7-12

Benefits

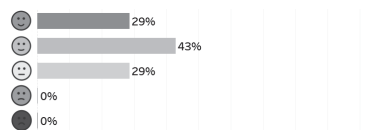
- No changes to implement

Challenges

- Kahuku's remote location and small size limit student opportunity

Stakeholder Voice

★★★★★



3B Kahuku/Waialua partnership

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- Windward SAC-created scenario
- Align Kahuku and Waialua 7-12 educational programs for increased partnerships focused on shared goals and priorities
- EPC to consider future partnerships



Benefits

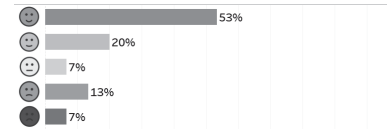
- Align program, staff, and facility resources to expand student opportunities

Challenges

- Significant intentional stakeholder outreach in Kahuku and Waialua communities required
- Complicated inter-district coordination and operational planning
- Distance between schools similar to current distance between Kahuku and other Windward schools

Stakeholder Voice


































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Kahuku Complex

SCENARIOS and FACILITY OPTIONS














FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	4 Kahuku HS/IS flood control <ul style="list-style-type: none"> Conduct hydrology study and implement flood control project Outcomes could include sitework, pump stations, and/or elevation/relocation of facilities 	<ul style="list-style-type: none"> Solves recurring rainwater flooding that reaches Buildings T and R and impacts usability of playfields 		\$\$\$\$\$ \$20-40M	 H-IS - #1		1 ●
	5 Kahuku HS/IS music improvements <ul style="list-style-type: none"> Replace/expand undersized music building in coordination with flood control project (Option 3) Included in Option 8 	<ul style="list-style-type: none"> Provides adequate space for band program 		\$\$\$\$\$ \$20-40M	 H-IS - #5		4 🕒
	6 Kahuku HS/IS health career improvements <ul style="list-style-type: none"> Renovate/construct community clinic spaces near front of campus to enhance health careers education. Coordinate with flood control project (Option 3) Included in Option 8 	<ul style="list-style-type: none"> Moves/updates community health clinic to limit public access 		\$\$\$\$\$ \$2.5-7.5M	 H-IS - #7		4 🕒
	7 Kahuku HS/IS athletics master plan projects <ul style="list-style-type: none"> Resurface courts, training room, renovate field, renovate track per 2016 plan 	<ul style="list-style-type: none"> Expands athletic opportunities 		\$\$\$\$\$ \$20-40M	 H-IS - #4		1 ●
	8 Kahuku HS/IS phased reconstruction <ul style="list-style-type: none"> Re-plan site to accommodate HS/IS program from selected scenario: 1A (1,500+ 7-12 students), 1B (1,800+ 6-12 students), 1C/1D (1,000+ 9-12 students) Coordinate with hydrology study and flood control project (Option 3) Implement phased reconstruction to replace outdated buildings with new multi-story 21st century buildings, to include professional learning centers and collaborative learning spaces Replace portables with permanent construction 	<ul style="list-style-type: none"> Replaces outdated, moldy portable buildings with new, modern environments equipped for collaborative instruction Moves classrooms out of area that floods when it rains 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$ \$75-100M+	 H-IS - #2		1 ●
	9 Sunset Beach ES multi-story facility <ul style="list-style-type: none"> Construct ~ 20 classroom facility where portables currently reside Include collaboration space 	<ul style="list-style-type: none"> Provides flexible shared space Replaces portables in poor condition with new facility 		\$\$\$\$\$ \$20-40M	 ES - #2		1 ●
	10 Kahuku ES covered outdoor multi-purpose facility <ul style="list-style-type: none"> Construct near site entrance for assemblies, recreation, and potentially eating 	<ul style="list-style-type: none"> Provides covered multi-purpose area 		\$\$\$\$\$ \$2.5-7.5M	 ES - #6		5 ○
	11 Laie ES parking expansion and drop-off <ul style="list-style-type: none"> Expand parent-drop off to improve traffic flow 	<ul style="list-style-type: none"> Pedestrian safety Staff convenience and community access to school 		\$\$\$\$\$ \$2.5-7.5M	 ES - #7		4 🕒
	12 Laie ES new classroom/admin buildings <ul style="list-style-type: none"> Replace portables with new 12-classroom facility with STEAM collaboration spaces and right-sized administration space Repurpose part or whole of administration space for STEAM maker space 	<ul style="list-style-type: none"> Moves students out of portables and into permanent facilities Provides new, modern learning environments 		\$\$\$\$\$ \$20-40M	 ES - #4		4 🕒
	13 Laie ES cafeteria <ul style="list-style-type: none"> Include a stage in cafeteria expansion 	<ul style="list-style-type: none"> Creates new cooking/eating and multi-purpose area 		\$\$\$\$\$ \$20-40M	 ES - #3		2 🕒
	14 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage Fix Hauula Building B and C leaks 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	 H-IS/ES - #3/1		1 ●



Kahuku Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	15 Locally-determined enhancements (all schools) • Budget allotment for each school to fund stakeholder-driven projects	• Empowers schools and students to define projects at time of execution	• Requires policy to consistently allocate and implement projects	\$\$\$\$\$ \$500k-2.5M	 H-IS/ES - #6/5		2 
	16 Hauula electrical upgrades			\$\$\$\$\$ \$2.5-7.5M			1 
 	17 Kahuku HS/IS ADA accessibility to portables			\$\$\$\$\$ \$500k-2.5M			1 



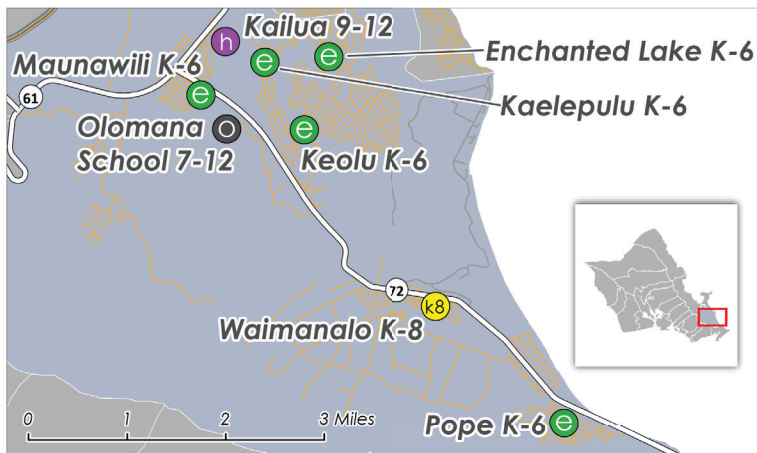
Kailua Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kailua High (9-12)	756 / 772 / 2%	1269	497	0.61	1958 / 2015 / 51	86%	0.82 / 27
	Olomana Intermediate & High (7-12)	69 / 73 / 6%	126	53	0.58	1968 / 1995 / 38	57%	0.50 / 248
	Waimanalo Elementary & Intermediate (K-8)	462 / 386 / -16%	646	260	0.60	1950 / 1975 / 57	80%	0.70 / 109
	Enchanted Lake Elementary (K-6)	429 / 422 / -2%	496	74	0.85	1964 / 1998 / 52	84%	0.67 / 130
	Keolu Elementary (K-6)	143 / 143 / 0%	188	45	0.76	1961 / 1977 / 55	87%	0.63 / 168
	Maunawili Elementary (K-6)	344 / 300 / -13%	383	83	0.78	1958 / 1969 / 58	85%	0.66 / 139
	Pope Elementary (K-6)	246 / 274 / 11%	387	113	0.71	1965 / 1975 / 48	40%	0.70 / 110
	Kaelelepu Elementary (K-6)	200 / 230 / 15%	153	-77	1.50	1973 / 1976 / 45	4%	0.49 / 249
	TOTAL	2,600	3,648	1,048	0.71		65%	0.65



Stakeholder Voice:



The **smaller schools are not getting the same good stuff as others. Windward kids are just left in the shadows, it's not fair.** - Student

My kids would always say 'Mom, it's embarrassing to have people come to our school. I would like to have **school that we all feel proud of.**' - Parent

Our elementary school **wouldn't have art, music, or PE** if it weren't for the community stepping up with **private funding.** - Parent

My grandkids' teachers at Waimanalo are overwhelmed. They have to **teach multiple subjects and they are spread too thin.** - Community Member

Our tennis courts are so bad that **we have to go to another school to practice.** - Student

It **upsets my kids** when I tell them about the great facilities we had on the mainland way back in the 1990s, like an indoor pool. - Parent

Challenges:



- Pope ES 165 of 350 (47%), Keolu ES 195 of 268 (73%), Waimanalo ES/IS 375 of 789 (48%) students GE out or attend charter



- Moderate flood risk: site in extreme tsunami zone (Pope ES, Enchanted Lake ES)



- Over half of facilities are classified as old or beyond useful life



- Over-utilization at Kaelelepu ES
- Most other schools have under-utilized capacity



- No science rooms at most elementary schools

- Art less than 50% of standard space: Kailua HS, Waimanalo ES/IS
- No dedicated art or music rooms at most elementary schools

- Kailua HS PE locker/shower gender equity 35%/65% split
- Renovate field, renovate track, baseball, resurface courts, training room, girls' lockers



- Library less than 50% of standard space: Waimanalo ES/IS

- Cafeteria less than 50% of standard space: Kaelelepu ES

- Admin less than 50% of standard space: Waimanalo ES/IS

- Visual and Performing Arts Center
- More college prep classes



Kailua Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (1A-1D apply to Kailua, Castle, and Kalaheo complexes)

1A Castle HS, Kailua HS, and Kalaheo HS maintain separate programs

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- Kailua HS and Kalaheo HS continue to operate as separate 9-12 programs (see Kalaheo Complex report for Kalaheo HS options)

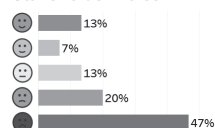
Benefits

- No changes to implement
- Smaller schools can seem more personalized and less overwhelming to some stakeholders, though at expense of the size and scale that allows resources for diverse program offerings

Challenges

- Due to declining population, Kalaheo HS at ~800 enrollment and Kailua HS at ~750, are individually 6th and 5th smallest HS out of 33
- Based on funding weighted student formulas, smaller high schools are limited in the diversity of programs they can offer versus larger ones
- Kalaheo HS operates on a small, former middle school site with limited acreage for parking and athletics, with hilly ADA accessibility challenges
- More than half of buildings >50 years old
- Kalaheo HS and Kailua HS (2.6 miles apart) operate with combined 800 surplus capacity
- Currently experiencing high teacher turnover

Stakeholder Voice



1B Kailua HS and Kalaheo HS single high school at Kailua campus

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- Merge Kalaheo HS program with Kailua HS at the larger Kailua HS campus
- Build multi-story addition (300+ capacity) and planned performing arts center at Kailua HS
- Work with local community to explore options for repurposing the Kalaheo HS campus

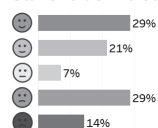
Benefits

- Kalaheo students gain access to academic and athletic facilities not present and not possible to construct on the Kalaheo site (formerly a MS)
- Improve capacity utilization. Kalaheo HS and Kailua HS currently have combined 800 surplus seats
- Invest in one HS campus rather than split funding between two under-utilized campuses
- Kalaheo campus could be used for other educational or revenue generating purposes
- More operational dollars from WSF

Challenges

- School consolidation requires significant stakeholder outreach and operational planning
- Traffic from castle junction area
- Though only 2.6 miles away, Kailua HS is farther from Marine Corps Base Hawaii
- Merging campus communities and cultures (could be a challenge and a benefit)

Stakeholder Voice



1C Kalaheo HS consolidated into Castle HS and Kailua HS

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- SAC-created scenario, similar to 1B except Kalaheo HS attendance boundary is split between Castle HS and Kailua HS, instead of Kailua only
- Replace ## portables at Castle HS with permanent facilities with ### capacity and build performing arts center at Kailua HS

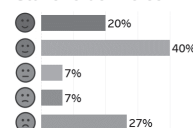
Benefits

- Kalaheo students gain access to academic and athletic facilities not present and not possible to construct on the Kalaheo HS site (formerly a MS)
- Improve capacity utilization. Kalaheo HS, Castle HS and Kailua HS currently have a combined 1,224 surplus seats
- Kalaheo HS campus could be used for other educational or revenue-generating purposes

Challenges

- School consolidation requires significant stakeholder outreach and operational planning

Stakeholder Voice



1D Kailua HS, Kalaheo HS, and Castle HS integrated program feasibility study

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\$20-40M



● Priority 1

- SAC-created scenario: three campuses merge into a single "community college model" high school program by December 2019, with synchronized schedules and transportation between campuses
- Each campus focuses staff and facilities in complementary program areas (e.g., Career Technical Education, STEM, visual and performing arts, humanities)
- Engage community in 3-5 strategic planning workshops

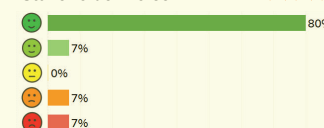
Benefits

- Combines operational budget based on over 2,700 students while allowing each campus to concentrate their resources in specialized programmatic, staffing, and facility investments
- Improved program quality and diversity (CTE, Gifted & Talented, Advanced Placement, college prep, music, athletics)
- Avoids diluting limited dollars by sharing of resources for all staff and students

Challenges

- Significant operational change requires extensive stakeholder outreach and operational planning
- Requires highly coordinated scheduling between campuses
- Increased transportation costs

Stakeholder Voice



Recommendation

- Identify leadership team and conduct feasibility study for Scenario 1D within 12 months of FMP publication to include focused engagement of community stakeholders



Kailua Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (2B applies to Kailua and Castle complexes)

2A Keolu ES and Kaelepu ES remain open

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- Repair and maintain both elementary schools
- Include a covered play court and renovate Building C at Keolu ES to prevent the building from further sinking and create two STEAM classrooms

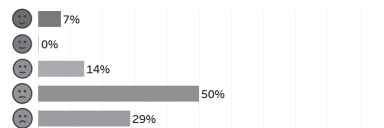
Benefits

- No changes to implement
- Smaller schools can seem more personalized and less overwhelming to some stakeholders, though at expense of the size and scale that allows resources for diverse program offerings

Challenges

- Keolu ES and Kaelepu ES are one mile apart and at 143 and 200 enrollment are among smallest schools in the state, and struggle with limited funding for enrichment programs
- 73% of students in Keolu ES boundary GE out
- Keolu ES and Kaelepu ES facilities are outdated, and Keolu's buildings suffer from structural/soils challenges
- **Kaelepu ES is over-utilized and lacks cafeteria/kitchen space**

Stakeholder Voice



2B Kaelepu ES reconstruction; Keolu ES repurposed; Admin/PD Center

\$\$\$\$\$ \$40-75M ● Priority 1

- Reconstruct Kaelepu ES facilities to house combined Keolu ES and Kaelepu ES programs
- Repurpose Keolu ES site for district-wide administration and professional development center.

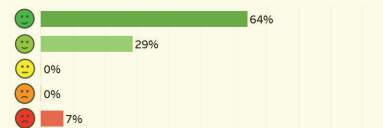
Benefits

- Merges two of the state's smallest schools into one of sustainable operation size (~350) that can offer more enrichment programs such as language, music, and art
- Move students from outdated facilities into new/rebuilt buildings equipped for 21st century
- Converts surplus capacity into an asset
- Kaelepu has sufficient land to rebuild with minimal disruption
- **Builds a modern elementary school**
- **Potential staff benefits working in new, larger school**

Challenges

- School consolidation requires significant stakeholder outreach and operational planning
- **Keolu ES not a centralized location for Windward District**
- **Merging campus communities and cultures (could be a challenge and a benefit)**
- **Note: Keolu houses central kitchen, which needs to remain in operation during and maybe after transition. Include model classroom PD designs in rebuilt Kaelepu.**

Stakeholder Voice



2C Kaelepu ES boundary change

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- SAC-created scenario.
- Change elementary boundaries to redistrict 50-100 students from Kaelepu ES to neighboring elementary schools relieving over-utilization at Kaelepu ES

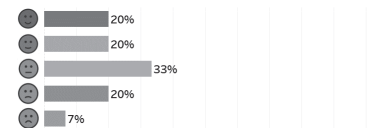
Benefits

- **Reduces utilization imbalance among area elementary schools without capital investments: capital dollars can go to other area needs**

Challenges

- **Requires community engagement for boundary changes**
- **Families may react by GE'ing out of attendance boundaries, requiring unpopular enforcement of GE capacity limits**
- **Does not address budget challenges associated with small school size**

Stakeholder Voice



Recommendation

- Initiate outreach to educate stakeholders about Scenario 2B's "trade up" consolidation plan to reconstruct Kaelepu and repurpose Keolu campus.





Kailua Complex

SCENARIOS and FACILITY OPTIONS

SCENARIOS	
<div><div>3A</div><div>Keep Pope ES and Waimanalo ES/IS operations 'as is'</div><div><div>\$\$\$\$\$</div><div></div></div><div><ul style="list-style-type: none">Status quo scenario versus SAC-created scenario 3BWaimanalo ES/IS continues to serve K-8Pope ES continues to serve K-6</div><div><div>Benefits</div><div><ul style="list-style-type: none">No changes to implement</div></div><div><div>Challenges</div><div><ul style="list-style-type: none">Both schools operating with 373 surplus seats</div></div><div><div>Stakeholder Voice</div><div><div><div></div><div>13%</div></div><div></div><div>7%</div><div></div><div>27%</div><div></div><div>27%</div><div></div><div>27%</div></div></div></div> <div><div>Recommendation</div><div><ul style="list-style-type: none">EPC consensus is to not change the school portfolio as proposed by members of the SAC</div></div>	<div><div>3B</div><div>Pope ES or Waimanalo ES/IS becomes a K-5 and the other a 6-8</div><div><div>\$\$\$\$\$</div><div></div></div><div><ul style="list-style-type: none">SAC-created scenarioCreate a localized K-5 ES and 6-8 MS feeder between Pope ES and Waimanalo ES/IS</div><div><div>Benefits</div><div><ul style="list-style-type: none">Concentrates limited resources in ES and MS between the two adjacent schools</div></div><div><div>Challenges</div><div><ul style="list-style-type: none">Operational change requires significant stakeholder outreach and operational planningWould create a small middle school difficult to resource</div></div><div><div>Stakeholder Voice</div><div><div><div></div><div>47%</div></div><div></div><div>27%</div><div></div><div>7%</div><div></div><div>13%</div><div></div><div>7%</div></div></div></div>

Kailua Complex

SCENARIOS and FACILITY OPTIONS

















FACILITY OPTIONS (not in priority order)	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
4 Kailua HS Visual and Performing Arts Center <ul style="list-style-type: none"> Construct new arts venue for complex-wide and community use Project in progress designs are complete 	<ul style="list-style-type: none"> Arts program improvements Shared by all complex schools After-hours community use 		\$\$\$\$\$\$ \$40-75M	HS - #2		2
5 Kailua HS athletic master plan projects <ul style="list-style-type: none"> Per 2016 state-wide plan, renovate football and baseball fields, upgrade track with synthetic rubber surface, resurface courts, new training room (EPC: top priorities are tack and courts) 	<ul style="list-style-type: none"> Athletic upgrades After-hours community use 		\$\$\$\$\$\$ \$2.5-7.5M	HS - #3		1
6.1 Olomana HS/IS urgent communications systems <ul style="list-style-type: none"> Split Option 6 to prioritize internet/telecom systems in short term 			\$\$\$\$\$\$ \$2.5-7.5M	HS/IS - #1		1
6.2 Olomana HS/IS permanent facilities <ul style="list-style-type: none"> Replace portables with permanent facilities equipped for project-based instruction, designed in collaboration with local administration, teachers, and community 	<ul style="list-style-type: none"> Improves site condition Provides modern, flexible learning environments 		\$\$\$\$\$\$ \$2.5-7.5M	HS/IS - #1		4
7 Waimanalo ES/IS ADA accessibility projects <ul style="list-style-type: none"> Implement ADA ramp renovations at Building T 	<ul style="list-style-type: none"> Improves ADA compliance and universal accessibility 		\$\$\$\$\$\$ \$500k-2.5M	IS - #4 tie		2
8 Waimanalo ES/IS covered multi-purpose play court	<ul style="list-style-type: none"> Provides covered outdoor multi-purpose space 		\$\$\$\$\$\$ \$2.5-7.5M	IS - #4 tie		5
9 Air conditioning retrofit projects (various schools) <ul style="list-style-type: none"> Install air conditioning, envelope integrity, and electrical upgrades as required Requested by Waimanalo ES/IS, Enchanted Lake ES 	<ul style="list-style-type: none"> Improves building condition Provides modern learning environment 		\$\$\$\$\$\$ \$2.5-7.5M	IS/ES - #3/4		4
10 Renovate or construct classrooms for STEAM (various schools) <ul style="list-style-type: none"> Provide plumbing for science/art, flexible furniture, acoustical dividers, and renovations Requested by Pope ES, Manuawili ES, Enchanted Lake ES 	<ul style="list-style-type: none"> Improves building condition Provides modern learning environment 		\$\$\$\$\$\$ \$2.5-7.5M	ES - #2 tie		4
11 Parking expansion and safe drop-off (various schools) <ul style="list-style-type: none"> Waimanalo ES/IS, Mauanawili ES, Enchanted Lake ES – expand parking and bus lane 	<ul style="list-style-type: none"> Pedestrian safety Staff convenience and community access to school 		\$\$\$\$\$\$ \$2.5-7.5M	IS/ES - #4/5		3
12 Enchanted Lake ES STEAM and professional learning center <ul style="list-style-type: none"> Renovate Buildings E, H, and G for STEAM classrooms and professional learning center space Replace accordion doors with operable and acoustically treated walls 	<ul style="list-style-type: none"> Improves building condition Provides modern flexible learning environments 		\$\$\$\$\$\$ \$2.5-7.5M	ES - #6 tie		5



Kailua Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 13 Manuwali ES security fencing <ul style="list-style-type: none"> Prevent pedestrian traffic from adjacent public park on campus during the school day 	<ul style="list-style-type: none"> Safety and security 		\$\$\$\$\$ \$500k-2.5M	 ES - #6 tie		3 
 14 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include roofs, electrical upgrades, window sealing, and site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	 HS/IS/ES - #1/2/1		1 
 15 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 HS/IS/ES - #4/4/2		2 
 16 Kaelepulu ES administration building <ul style="list-style-type: none"> Incremental to Scenario 2B 			\$\$\$\$\$ \$20-40M			4 



Kalaheo Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kalaheo High (9-12)	808 / 802 /-1%	1110	308	0.72	1966 / 1975 / 48	51%	0.85 / 12
	Kailua Intermediate (7-8)	737 / 701 /-5%	1081	380	0.65	1953 / 2015 / 59	83%	0.79 / 43
	Aikahi Elementary (K-6)	474 / 520 /10%	472	-48	1.10	1960 / 1960 / 57	97%	0.64 / 157
	Kailua Elementary (K-6)	352 / 352 /0%	391	39	0.90	1951 / 1970 / 60	83%	0.74 / 90
	Kainalu Elementary (K-6)	445 / 378 /-15%	566	188	0.67	1954 / 1989 / 61	91%	0.65 / 151
	Lanikai Elementary PCS (K-6)	328 / 328 /0%	310	-18	1.06	1964 / 1969 / 50	79%	0.59 / 209
	Mokapu Elementary (K-6)	882 / 910 /3%	626	-284	1.45	1960 / 1994 / 50	70%	0.64 / 155
	TOTAL	3,991	4,556	565	0.88		79%	0.70

Stakeholder Voice:

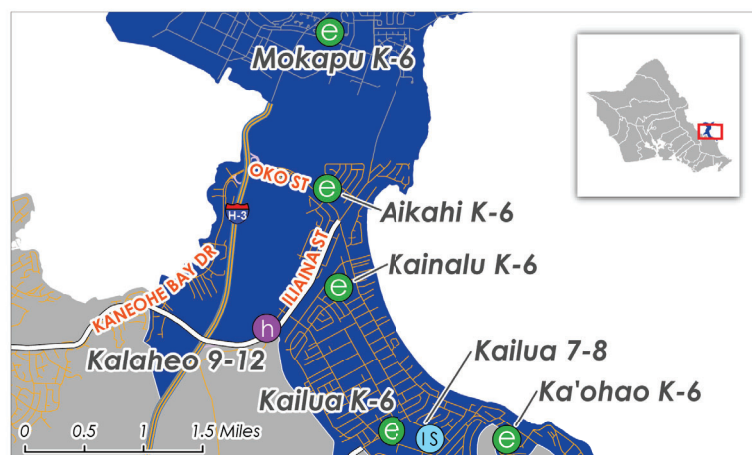


We are struggling for our son at Kalaheo to get all of the **classes that colleges require** because there are **limited teachers** and the classes happen during the same period. - Parent

We **lost our math teacher** at the beginning of the year and had a bunch of subs who really didn't know the material. - Student

I hardly use anything I learned in high school at work. What are we offering students these days that they can **take to the real world**? Are we teaching them what they need to make it out there? - Community Member

Our **classrooms don't reflect the future** that we're supposed to be preparing our students for. - Teacher



Challenges:



- Kailua ES 295 of 516 (57%) of students GE out or attend charter



- Future flood risk: 28% of site under 3.2' sea rise (Mokapu ES)
- Moderate flood risk: site in extreme tsunami zone (Kailua ES, Aikahi ES, Kainalu ES, Lanikai ES, Kailua IS)



- Over half of facilities are classified as old or beyond useful life



- Overutilization at Aikahi ES, Mokapu ES
- Under-utilized capacity at Kalaheo HS, Kailua IS, Kainalu ES



- Industrial Arts and Family Consumer Science less than 50% of standard space: Kailua IS



- No science rooms at Kainalu ES, Aikahi ES



- Music less than 50% of standard space: Kalaheo HS, Kailua IS
- No music rooms at Mokapu ES
- No art rooms at Kainalu ES, Aikahi ES



- PE lockers less than 50% of standard space: Kailua IS
- Kalaheo HS site (formerly a MS) not sufficient for HS athletics



- Library less than 50% of standard space: Kailua IS



- Cafeteria less than 50% of standard space: Kalaheo HS, Mokapu ES, Lanikai ES PCS



- Safety and security
- 21st century spaces for collaborative instruction



Kalaheo Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (1A-1D apply to Kalaheo, Castle and Kailua Complexes)

1A Kalaheo HS, Castle HS, and Kailua HS maintain separate programs

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- Kalaheo HS and Kailua HS continue to operate as separate 9-12 programs
- Perform prioritized repairs at Kalaheo HS, including major renovation of Building F, which is in poor condition
- (See Kailua Complex report for Kailua HS options)

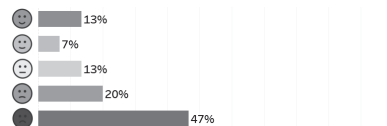
Benefits

- No changes to implement
- Smaller schools can seem more personalized and less overwhelming to some stakeholders, though at expense of the size and scale that allows resources for diverse program offerings

Challenges

- Due to declining population, Kalaheo HS at ~800 enrollment and Kailua HS at ~750, are individually 6th and 5th smallest HS's out of 33
- Based on funding weighted student formulas, smaller HS's are limited in programs offered
- Kalaheo HS operates on a small, former MS site with limited acreage for parking and athletics, with hilly ADA accessibility challenges
- More than half of buildings >50 years old
- Kalaheo HS and Kailua HS (2.6 miles apart) operate with combined 800 surplus capacity
- Currently experiencing high teacher turnover

Stakeholder Voice



1B Kalaheo HS and Kailua HS single high school at Kailua campus

\$\$\$\$\$

- Merge Kalaheo HS program with Kailua HS at the larger Kailua HS campus
- Build multi-story addition (300+ capacity) and planned performing arts center at Kailua HS
- Work with local community to explore options for repurposing the Kalaheo HS campus

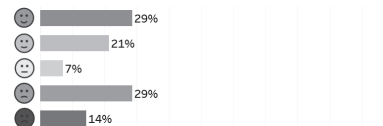
Benefits

- Kalaheo students gain access to academic and athletic facilities not present and not possible to construct on the Kalaheo site (formerly a MS)
- Improve capacity utilization. Kalaheo HS and Kailua HS currently have combined 800 surplus seats
- Invest in one HS campus rather than split funding between two, under-utilized campuses
- Kalaheo HS campus could be used for other educational or revenue generating purposes
- More operational dollars from WSF

Challenges

- School consolidation requires significant stakeholder outreach and operational planning
- Traffic from castle junction area
- Though only 2.6 miles away, Kailua is further from Marine Corps Base Hawaii
- Merging campus communities and cultures (could be a challenge and a benefit)

Stakeholder Voice



1C Kalaheo consolidated into Castle HS and Kailua HS

\$\$\$\$\$

- SAC-created option, similar to 1B except Kalaheo HS attendance boundary is split between Castle HS and Kailua HS, instead of Kailua HS only
- Replace ## portables at Castle HS with permanent facilities with ### capacity and build performing arts center at Kailua HS

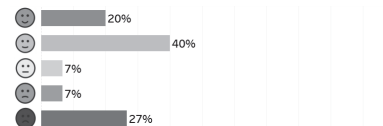
Benefits

- Kalaheo HS students gain access to academic and athletic facilities not present and not possible to construct on the Kalaheo HS site (formerly a MS)
- Improve capacity utilization. Kalaheo HS, Castle HS, and Kailua HS currently have a combined 1,224 surplus seats
- Kalaheo HS campus could be used for other educational or revenue-generating purposes

Challenges

- School consolidation requires significant stakeholder outreach and operational planning

Stakeholder Voice



1D Kailua HS, Kalaheo HS, and Castle HS integrated program feasibility study

\$\$\$\$\$

\$20-40M



● Priority 1

- SAC-created scenario: three campuses merge into a single "community college model" high school program by December 2019, with synchronized schedules and transportation between campuses
- Each campus focuses staff and facilities in complementary program areas (e.g., Career Technical Education, STEM, visual and performing arts, humanities)
- Engage community in 3-5 strategic planning workshops

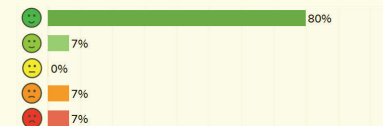
Benefits

- Combines operational budget based on over 2,700 students while allowing each campus to concentrate their resources in specialized programmatic, staffing, and facility investments.
- Improved program quality and diversity (Career Technical Education, Gifted & Talented, Advanced Placement, college prep, music, athletics)
- Avoids diluting limited dollars by sharing of resources for all staff and students

Challenges

- Significant operational change requires extensive stakeholder outreach and operational planning
- Requires highly coordinated scheduling between campuses
- Increased transportation costs

Stakeholder Voice



Recommendation

- Focused engaged with area stakeholders centered on the model proposed by the SAC, which addresses the shared challenges of limited operational and capital funds by creating a one-of-a-kind high school partnership



Kalaheo Complex

SCENARIOS and FACILITY OPTIONS















FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	2 Kailua IS modern classroom furniture • Upgrade classrooms with flexible, modern furniture	• Facilitates modern instructional practices		\$\$\$\$\$	●●●●● IS - #4		n/a
	3 Kailua IS 21st century building additions • Create shared, project-based learning and collaboration spaces between existing buildings	• Provides flexible shared space	• Extends construction on site	\$\$\$\$\$ \$20-40M	●●●●● IS - #2		4 ○
	4 Kailua IS indoor/outdoor cafeteria addition • Build a covered indoor/outdoor extension to the current cafeteria	• Expands eating area for students		\$\$\$\$\$ \$2.5-7.5M	●●●●● IS - #1		2 ●
	5 Aikahi ES air conditioning retrofit • Place AC units in all classrooms and student common spaces	• Provides campus-wide AC		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #9		2 ●
	6 Aikahi ES 21st century building additions • Create shared, project-based learning and collaboration spaces between existing buildings	• Provides flexible shared spaces		\$\$\$\$\$ \$20-40M	●●●●● ES - #10 tie		5 ○
	7 Kainalu ES parking lot expansion • Could expand north into adjacent field and/or along existing drop-off loop	• Provides additional parking		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #7 tie		4 ○
	8 Kainalu ES 21st century building additions • Create shared, project-based learning and collaboration spaces between classroom buildings.	• Provides flexible shared space	• Extends construction on site	\$\$\$\$\$ \$20-40M	●●●●● ES - #5		5 ○
	9 Kailua ES covered play court	• Provides multipurpose outdoor recreation space		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #7 tie		5 ○
	10 Kailua ES safety, security, and ADA improvements • Expand parking lot with safety/security lighting • Build fence to prevent pedestrians from traversing campus during school. • Covered walkways to buildings E, F, and G and cover open stairwells exposed to the elements • Add elevators to multi-story buildings currently not ADA compliant and repair stage life	• Expands parking • Safety		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #1		1 ●
	11 Kailua ES professional learning center addition • Once completed, recapture classroom currently housing administration for educational use	• Admin/teacher/student collaboration • Recaptures classroom for educational use		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #10 tie		5 ○
	12 Kailua ES build an outdoor stage and amphitheater • Create an outdoor gathering and performance space	• Provides outdoor learning, gathering and performance space		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - last		5 ○
	13 Kaohao ES PCS cafeteria addition	• Creates expanded eating area		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #6		4 ○
	14 Kaohao ES PCS build permanent administration space • Replace existing portable housing administration with a permanent facility	• Provides professional space for building administration and space for teacher collaboration		\$\$\$\$\$ \$20-40M	●●●●● ES - #3		5 ○



Kalaheo Complex







SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 15 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include roof repairs, repaving, structural, stage lifts Kailua IS roof maintenance and science millwork 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$ \$7.5-20M	●●●●● HS/IS/ES - #2/3/2		1 ●
 16 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ \$500k-2.5M	●●●●● HS/IS/ES - #1/5/4		2 ●
  17 Kalaheo HS ADA improvements			\$\$\$\$ \$2.5-7.5M			1 ●
  18 Kalaheo HS band room renovation			\$\$\$\$ \$2.5-7.5M			2 ●
 19 Kalaheo HS Building F structural improvements			\$\$\$\$ \$2.5-7.5M			1 ●



Leeward District Overview

	 Campbell	 Kapolei	 Nanakuli	 Pearl City	 Waianae	 Waipahu
Priority 1	<ul style="list-style-type: none"> • Scenario 1D: Campbell/Kapolei CTE program study and stakeholder outreach (\$\$\$\$\$) • Option 3: Campbell HS private-public partnerships for CTE (\$\$) • Option 4: Ilima IS fund 6th grade building, change grade configuration to 6-8 (\$\$\$) • Option 9: Campbell ES building renovations/replacements (\$\$\$) • Option 10: Prioritized repairs and maintenance (all schools) (\$\$) • Option 12: Campbell HS girls athletic lockers (\$\$) • Option 14: Campbell HS parking structure 300 stalls (\$\$\$) 	<ul style="list-style-type: none"> • Scenario 1D: Campbell/Kapolei CTE program study and stakeholder outreach (\$\$\$\$\$) • Option 3: Kapolei HS private-public partnerships for CTE (\$\$) • Option 4: Kapolei HS 21st century classroom partitions (\$\$) • Option 5: Kapolei HS new auditorium building with classrooms (\$\$\$) • Option 8: Kapolei MS covered multi-purpose facility (\$\$) • Option 9: Kapolei ongoing middle school expansion projects (\$\$\$\$) • Option 11: Mauka Lani (and other) ES permanent classroom building (\$\$\$) • Option 12: Mauka Lani ES expanded parking lot structure (\$\$) • Option 13: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> • Scenario 1A: Keep current operational scenario • Option 2: Nanakuli HS upgrade electrical infrastructure (\$) • Option 8: Nanakuli HS visual performing arts (VPA) center (\$\$\$) • Option 11: Prioritized repairs and maintenance (all schools) (\$\$) • Option 12: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> • Scenario 1B: Highland IS rebuilt on alternate site (\$\$\$\$\$) • Option 2.1: Pearl City HS upgrade electrical infrastructure (\$\$) • Option 3: Pearl City HS renovate career technical education (CTE) spaces (\$\$\$) • Option 6.1: Pearl City HS Special Education and ADA improvements (\$\$) • Option 7: Pearl City HS adjacent land use or acquisition (\$) • Option 8: New ES building construction and portable replacements (\$\$\$\$) • Option 11: Parking lot and fire lane improvement (\$\$\$\$) • Option 12: Manana ES Special Education medical fragile facilities (\$) • Option 13: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> • Scenario 1A: Waianae Pre-K-5 and 6-8 (\$\$\$) • Option 2: Waianae HS marine science learning center expansion (\$\$\$) • Option 4: Waianae HS alternative learning center (\$\$\$) • Option 5.1: Waianae HS power upgrades (\$\$) • Option 9: Building additions and renovations (elementary schools) (\$\$\$\$) • Option 10: Makaha ES parking and traffic improvements (all schools) (\$) • Option 11: Prioritized repairs and maintenance (all schools) (\$\$) • Option 12: Locally-determined enhancements (all schools) (\$) • Option 13: Air conditioning in all classrooms (\$\$) • Option 14: Elementary Special Education, alternative center 	<ul style="list-style-type: none"> • Scenario 1A: Keep current operational scenario • Option 2.2: Waipahu HS 10-classrooms and parking expansion (Phase 2) (\$\$\$) • Option 2.3: Waipahu HS parking structure (\$\$) • Option 3: Waipahu HS athletic improvements (\$\$) • Option 6: Waipahu HS program-specific building additions (\$\$\$\$) • Option 8: Waipahu IS DREAMS facility (\$\$\$) • Option 9.1: Building additions and renovations (elementary schools) (\$\$\$\$) • Option 10: Prioritized repairs and maintenance (all schools) (\$\$) • Option 12: STEAM renovations (elementary schools) (\$\$) • Option 13: Electrical capacity (all schools) (\$\$\$) • Option 14: Waipahu HS land use partnership (\$)
Priority 2	<ul style="list-style-type: none"> • Option 5: Ilima IS replace administration and library with new, joint facility (\$\$\$) • Option 13: Campbell HS track, bleachers, PA system, restrooms (\$\$) 	<ul style="list-style-type: none"> • Option 6: Kapolei HS student commons (\$\$) • Option 10: Kapolei complex covered multi-purpose spaces (all schools) (\$\$) • Option 14: Locally-determined enhancements (all schools) (\$) • Option 15: Kapolei complex cafeteria expansions (\$\$\$) 	<ul style="list-style-type: none"> • Option 4: Nanakuli shade structures (all schools) (\$\$) • Option 7: Nanakuli HS classroom renovation (\$) • Option 13: Nanakuli HS gym improvements (\$\$) 	<ul style="list-style-type: none"> • Option 5: Pearl City HS cultural center (\$\$\$) • Option 10: ES multi-purpose covered areas (\$\$\$\$) 	<ul style="list-style-type: none"> • Option 8.1: Waianae IS covered play court (\$) • Option 15: Waianae IS athletic community complex (\$\$\$) 	<ul style="list-style-type: none"> • Option 4: Waipahu HS new cafeteria (\$\$) • Option 9.2: Building multi-purpose outdoor covered facility (\$\$)
Priority 3	<ul style="list-style-type: none"> • Option 8: Campbell complex STEAM classroom renovations (all schools) (\$\$\$) • Option 11: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> • Option 7: Kapolei HS central storage facility and loading docks (\$\$) • Option 16: Kapolei HS athletic projects - track, bleachers, fields (\$\$\$) 		<ul style="list-style-type: none"> • Option 2.2: Pearl City HS install air conditioning (\$\$\$\$) • Option 9: ES STEAM classroom renovations (\$\$) 	<ul style="list-style-type: none"> • Option 3: Waianae HS CTE renovation (\$\$) • Option 7: Waianae IS athletic master plan projects and community complex (\$\$) 	<ul style="list-style-type: none"> • Option 7: Waipahu HS integrated academy digital signage (\$)
Priority 4	<ul style="list-style-type: none"> • Scenario 2B: Campbell Elementary boundary change • Option 6: Ilima IS new covered multi-purpose space (\$\$) 	<ul style="list-style-type: none"> • Scenario 2B: Kapolei Elementary boundary change • Option 17: Kapolei complex covered walkways (all schools) (\$\$) 	<ul style="list-style-type: none"> • Option 3.1: Nanakuli HS baseball field renovation (\$\$) • Option 5: Nanakuli HS career technical education (CTE) renovation (\$\$\$) • Option 9: Renovate both ES to include STEAM spaces (\$) 	<ul style="list-style-type: none"> • Option 14: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> • Option 16: Waianae HS athletic natatorium/pool (\$\$\$\$) 	<ul style="list-style-type: none"> • Option 11: Locally-determined enhancements (all schools) (\$)
Priority 5	<ul style="list-style-type: none"> • Option 7: Campbell complex covered multi-purpose spaces (all schools) (\$\$\$) 		<ul style="list-style-type: none"> • Option 3.3: Nanakuli HS pool and locker rooms (\$\$) • Option 5: Nanakuli HS new multi-purpose dining area (\$) • Option 10.2: Nanakuli ES replace portables with permanent buildings (\$\$\$\$) 	<ul style="list-style-type: none"> • Option 4: Pearl City HS shade structures (\$) 	<ul style="list-style-type: none"> • Option 5.2: Waianae HS covered pavilion (\$\$) • Option 8.2: Wai'anae IS second-floor rail (\$) 	



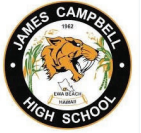


APPENDIX H

Leeward Options Reports

Campbell Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Campbell High (9-12)	3110 / 3255 / 5%	2615	-640	1.24	1960 / 2005 / 37	22%	0.80 / 40
	Ilima Intermediate (7-8)	870 / 711 / -18%	943	232	0.75	1962 / 2010 / 52	85%	0.82 / 29
	Ewa Makai * Middle (7-8)	882 / 1473 / 67%	878	-595	1.68	2010 / 2010 / 8	0%	0.87 / 7
	Ewa Elementary ** (K-6)	1084 / 1091 / 1%	1155	64	0.94	1940 / 2017 / 46	56%	0.67 / 129
	Ewa Beach ** Elementary (K-6)	759 / 694 / -9%	772	78	0.90	1959 / 2015 / 44	60%	0.66 / 137
	Iroquois Point Elementary (K-6)	700 / 685 / -2%	753	68	0.91	1960 / 1993 / 50	70%	0.72 / 100
	Pohakea Elementary (K-6)	526 / 441 / -16%	535	94	0.82	1965 / 1998 / 48	82%	0.62 / 182
	Holomua Elementary (K-6)	1181 / 1172 / -1%	890	-282	1.32	1996 / 1997 / 21	0%	0.76 / 77
	Kaimiloa Elementary (K-6)	646 / 645 / 0%	611	-34	1.06	1975 / 1996 / 32	0%	0.70 / 111
	Keoneula ** Elementary (K-6)	1058 / 1063 / 0%	998	-65	1.07	2007 / 2007 / 11	0%	0.73 / 95
	TOTAL	11,230	10,150	-1,080	1.11		38%	0.73

*Projection reflects grades 6-8, **projection reflects grades K-5



Stakeholder Voice:



We have to think outside the box; we have no choice
- Administrator

Biggest problem is population. We are so overcrowded. Our classes get bigger and bigger every year. It's hard to squeeze through the crowds, fields, and hallways to get to classes. We exceed the max capacity of every classroom. It's hard to get a seat in some classes. - Campbell HS Student

This impacts our programs and extracurriculars because our teachers don't know how to group us. We have so many talented kids at our school but our band program can only hold 200 kids. We have to turn kids away all the time. - Campbell HS Student

Our solution to overcrowding is shoving portables everywhere. We don't have enough desks for everyone. We have kids sit on the floor with a blanket because it's so cold. - Campbell HS Student

We don't have any art. We just have band but band is not accepting students anymore because we are at capacity. - Campbell HS Student



Challenges:



- Rapid enrollment growth: Campbell HS, Ewa Makai MS



- Future flood risk: 24% of site under 3.2' sea rise (Iroquois Point ES)
- Moderate flood risk: site in extreme tsunami zone (Campbell HS, Ewa Beach ES)



- Some facilities are classified as old or beyond useful life



- Extreme over-utilization at Campbell HS, Ewa Makai MS, and Holomua ES
- Under-utilized capacity at Ilima IS
- More than 25% of capacity in portables (Campbell HS, Keoneula ES)



- Industrial Arts or Family Consumer Science less than 50% of standard space: Campbell HS, Ewa Makai MS, Ilima IS



- No science rooms at Pohakea ES



- Music less than 50% of standard space: Campbell HS
- No music rooms at most elementary schools
- No art room at Pohakea ES



- Resurface courts, girls' lockers



- Cafeteria less than 50% of standard space: Campbell HS, Ewa Makai MS, Iroquois Point ES, Kaimiloa ES



- Admin less than 50% of standard space: Pohakea ES



- Proactive planning for growth



Campbell Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (1A-1C relate to both Campbell and Kapolei Complexes)

1A Campbell/Kapolei expansion

\$\$\$\$\$

- Campbell HS and Kapolei HS operate as is
- Continue ongoing Campbell HS 27-classroom multi-story addition and portable reduction project for near-term capacity relief
- Continue planning and design for future East Kapolei HS and/or Hoopili HS projects, with expected construction to occur beyond 10-year planning horizon
- Continue annual enrollment projections and dialog with area housing developers
- Establish housing start trigger points to accelerate new school plans

Benefits

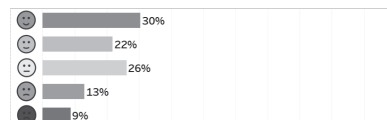
- No land to acquire
- No operational changes to implement
- **Continues dialog with housing developers**
- **Continues business as usual; doesn't create major disruption to operations**
- **Reduces class sizes, which are overcrowded**
- **More room for instruction**

Challenges

- Campbell HS is already the largest school in the state and could become even larger with the additions in process
- Even with Campbell additions, Campbell HS and Kapolei HS remain over-utilized
- Maintain no student parking at Campbell HS
- Continue using Pohakea ES fields for Campbell HS portables
- **Doesn't solve utilization as population grows**
- **Doesn't alleviate traffic and safety problems**
- **Managing/maintaining even larger high school**

Stakeholder Voice

★★★★★



1B Campbell-Kapolei Career Technical Education Center

\$\$\$\$\$

- Acquire land along high-speed rail line and construct new 600-800 capacity HS campus with highly-specialized facilities and equipment for advanced 21st century Career Tech Education (CTE) center to be shared and jointly operated by Campbell HS and Kapolei HS
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers such as coding, agriculture, sustainability
- Continue ongoing Campbell HS 27-classroom multi-story addition for near-term capacity relief until completion of CTE center, then remove portables

Benefits

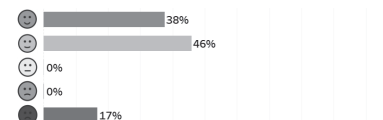
- Reduces HS crowding with new off-site capacity
- Expands student career opportunities
- Combines resources at Campbell HS and Kapolei HS to create a relatively highly-resourced CTE program
- **All opportunities in one plan/space**
- **Community! Brings unity to the two high schools**
- **Creates space to grow pathways**

Challenges

- Creating partnership between Campbell HS and Kapolei HS (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- **Collaboration: getting all the stakeholders in one room and agreeing on one thing**
- **Equity for attending a non-comprehensive site**

Stakeholder Voice

★★★★★



1C Campbell/Kapolei new high school

\$\$\$\$\$

- Similar to Scenario 1A, except accelerate East Kapolei HS design and construction sooner than current plans.
- Complete land acquisition and construct new high school with core capacity for 2,500+ and initial classroom capacity of ##### seats based on updated enrollment projections
- Determine new high school boundary area
- Determine feeder elementary and middle schools

Benefits

- **Alleviates overcrowded high schools**

Challenges

- **Community support for new high school complex**
- **Land availability**

Stakeholder Voice

★★★★★



1D Campbell/Kapolei CTE program study and stakeholder outreach

\$\$\$\$\$ \$75-100M+



● Priority 1

- Step 1: Conduct 6-12 month due-diligence study and engagement of student, industry, higher education, community, and DOE stakeholders to determine feasibility and implementation strategy for shared CTE program and facility for Campbell/Kapolei (Scenario 1B)
- Step 2: Implement either Scenario 1A, 1B, or 1C depending on outcome of due-diligence

Benefits

- **Allows time for broader base of stakeholders to contribute to complex CTE program decisions**

Challenges

- **Project implies commitment of school and complex-area leadership, and may require state and/or outside facilitation**

Recommendation

- Due to far-reaching significance and complex nature of this school design decision, EPC elects to initiate further study and broader engagement to determine best course of action to improve CTE programs and resolve capacity over-utilization



Campbell Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (2A-2B relate to both Campbell and Kapolei Complexes)

2A Keep current ES boundary scenario

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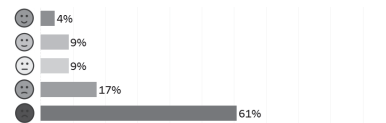
Benefits

- No changes to implement

Challenges

- Holomua ES operates at a projected 132% utilization, over capacity by 282 students while four area ES's have some surplus capacity
- Equity between schools and facility

Stakeholder Voice



2B Campbell Elementary boundary change

\$\$\$\$\$



Priority 4

- Study area enrollment and boundaries to determine a boundary change scenario that would relieve over-crowding at area elementary schools
- Monitor growth and consider complex-wide or school area boundaries
- Priority 4 conveys EPC's acknowledgement that a boundary study is not an immediate need, but should be considered within 10-years

Benefits

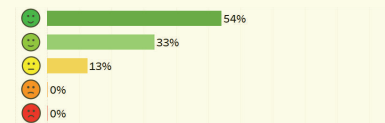


- Relieve over-utilization without capital expenditures
- Promotes sense of community

Challenges

- Boundary change
- Equity between schools and facility

Stakeholder Voice



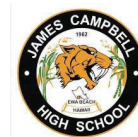
Recommendation

- Consider elementary boundary study toward end of 10-year planning horizon



Campbell Complex

SCENARIOS and FACILITY OPTIONS

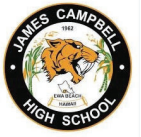








FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
3 Campbell HS private-public-partnerships for CTE <ul style="list-style-type: none"> Explore private-public-partnership with local mechanic business to provide real-world experience Explore internships with area industry (e.g., partner with Hawaii Pacific Health to offer a work/study program for ~24 students) Partner with Hawaii Pacific Health to design and renovate 1+ classrooms for a mock-hospital Design a MS CTE awareness course for 8th grade students 	<ul style="list-style-type: none"> Provides real-world experiences for students with relatively low capital investment 	<ul style="list-style-type: none"> Need to create public-private partnerships 	\$\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #3		1 ●
4 Ilima IS fund 6th grade building, change grade configuration to 6-8 <ul style="list-style-type: none"> Replace Building I with a three-story building to add approximately 450 seats Include administration/counselor and self-contained special education classrooms Currently have design money only for this project Approximately 450 6th graders expected to enroll from Holomua ES, Iroquois Point ES, Kaimiloa ES, Pohakea ES 	<ul style="list-style-type: none"> Provides new learning and support spaces Replaces an outdated facility 		\$\$\$\$\$\$ \$20-40M	●●●●● Int - #1		1 ●
5 Ilima IS replace administration and library with new, joint facility <ul style="list-style-type: none"> Replace current administration and library facilities with one, two-story facility to house a modern library and professional learning center for teachers and staff 	<ul style="list-style-type: none"> Provides new learning and support spaces Replaces an outdated facility 		\$\$\$\$\$\$ \$20-40M	●●●●● Int – last		2 ●
6 Ilima IS new covered multi-purpose space <ul style="list-style-type: none"> Construct covered outdoor space adjacent to cafeteria for dining, assemblies, and outdoor learning 	<ul style="list-style-type: none"> Provides flexible shared space 		\$\$\$\$\$\$ \$2.5-7.5M	●●●●● Int - #4		4 ●
7 Campbell complex covered multi-purpose spaces (all schools) <ul style="list-style-type: none"> Construct covered outdoor space for dining, assemblies, outdoor learning, and community use at all ES that don't currently have covered play courts 	<ul style="list-style-type: none"> Multi-purpose covered play and gathering space 		\$\$\$\$\$\$ \$20-40M	●●●●● ES - #3		5 ○
8 Campbell complex STEAM classroom renovations (all schools) <ul style="list-style-type: none"> Renovate up to two existing classrooms at all ES without dedicated art or science rooms, including: <ul style="list-style-type: none"> Pohakea ES – STEAM classrooms Iroquois Point ES – Buildings P12, P9 	<ul style="list-style-type: none"> Provides modern, flexible environments for project-based learning 		\$\$\$\$\$\$ \$20-40M	●●●●● ES - #4		3 ●
9 Campbell ES building renovations/replacements <ul style="list-style-type: none"> Renovate or replace facilities beyond their expected useful life <ul style="list-style-type: none"> Ewa Beach ES – Buildings A,C,D Iroquois Point ES – Buildings P12, P9 	<ul style="list-style-type: none"> Addresses old, inadequate spaces in poor condition 		\$\$\$\$\$\$ \$20-40M	●●●●● ES - #2		1 ●
10 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$\$ \$7.5-20M	●●●●● HS - #1/2/1		1 ●
11 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$\$ \$500k-2.5M	●●●●● HS - #2/3/5		3 ●



Campbell Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 12 Campbell HS girls athletic lockers			\$\$\$\$ \$2.5-7.5M			1 ●
  13 Campbell HS track, bleachers, PA system, restrooms			\$\$\$\$ \$2.5-7.5M			2 ●
 14 Campbell HS parking structure 300 stalls <ul style="list-style-type: none"> Confirm size and capacity 			\$\$\$\$ \$20-40M			1 ●



Kapolei Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kapolei High (9-12)	2035 / 2311 / 14%	1696	-615	1.36	2000 / 2002 / 17	0%	0.83 / 24
	Kapolei Middle (6-8)	1521 / 1830 / 20%	1244	-586	1.47	1999 / 2006 / 18	0%	0.79 / 44
	Barbers Point Elementary (K-5)	532 / 513 /-4%	584	71	0.88	1954 / 1957 / 63	100%	0.71 / 106
	Makakilo Elementary (K-5)	490 / 503 / 3%	503	0	1.00	1969 / 1973 / 48	0%	0.62 / 183
	Kapolei Elementary (K-5)	864 / 806 /-7%	901	95	0.89	1993 / 1998 / 23	0%	0.74 / 85
	Mauka Lani Elementary (K-5)	626 / 659 / 5%	604	-55	1.09	1973 / 2008 / 33	16%	0.67 / 135
	Ho'okele Elementary (K-5)	738 / 1010 / 37%	727	-283	1.39	2014 / 2014 / 4	0%	0.84 / 15
	TOTAL	7,632	6,259	-1,373	1.22		17%	0.74

Stakeholder Voice:



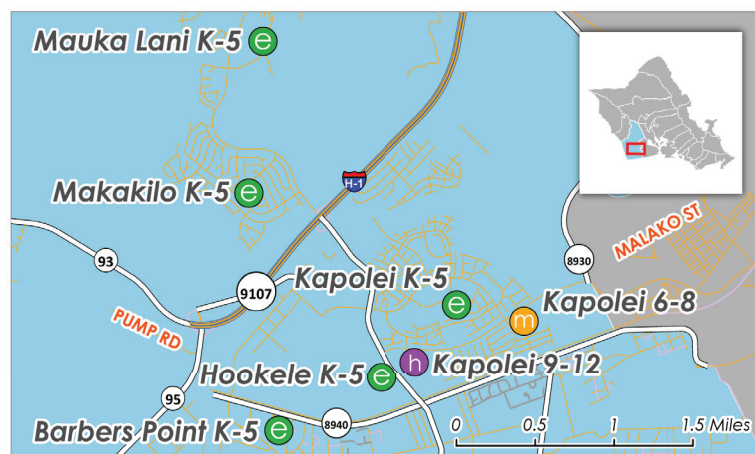
Hearing about other's challenges makes me realize how lucky we are at my school.
- Kapolei Student

These students' stories about crowding are upsetting. Ten years from now, I don't want to ask myself, where was I and what did I not do to prevent this from happening?
-Kapolei Community Member



Our building is structured in open concept pods. There are sound barrier issues that are distracting for the learning of our students. It's hard for the teacher to control the classroom. It gets loud in here.
- Kapolei teacher

It would be better if they repurposed the library to be a social area, study area, meeting space for clubs, and hub for student activities. - Kapolei SAC Member



Challenges:



- Rapid enrollment growth: Kapolei HS, Kapolei MS, Hookele ES



- Science less than 50% of standard space: Kapolei HS, Kapolei MS



- Barber's Point buildings in last third of expected useful life
- Music and dance/drama less than 50% of standard space: Kapolei HS
- Art less than 50% of standard space: Kapolei MS



- Extreme over-utilization at Kapolei HS, Kapolei MS, Hookele ES
- No music room at any elementary
- More than 25% of capacity in portables (Mauka Lani ES)
- Resurface courts



- Industrial Arts and Family Consumer Science less than 50% of standard space: Kapolei HS



- Cafeteria less than 50% of standard space: Makakilo ES



- Admin less than 50% of standard space: Makakilo ES



- Equity and accountability



Kapolei Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (1A-1C relate to both Campbell and Kapolei Complexes)

1A Campbell/Kapolei expansion

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- Campbell HS and Kapolei HS operate as is
- Continue ongoing Campbell HS 27-classroom multi-story addition and portable reduction project for near-term capacity relief
- Continue planning and design for future East Kapolei HS and/or Hoopili HS projects, with expected construction to occur beyond 10-year planning horizon
- Continue annual enrollment projections and dialog with area housing developers
- Establish housing start trigger points to accelerate new school plans

Benefits

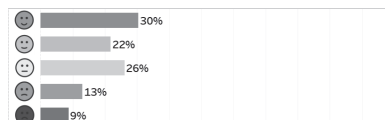
- No land to acquire
- No operational changes to implement
- **Continues dialog with housing developers**
- **Continues business as usual; doesn't create major disruption to operations**
- **Reduces class sizes, which are overcrowded**
- **More room for instruction**

Challenges

- Campbell HS is already the largest school in the state and could become even larger with the additions in process
- Even with Campbell additions, Campbell HS and Kapolei HS remain over-utilized
- Maintain no student parking at Campbell HS
- Continue using Pohakea ES fields for Campbell HS portables
- **Doesn't solve utilization as population grows**
- **Doesn't alleviate traffic and safety problems**
- **Managing/maintaining even larger high school**

Stakeholder Voice

★★★★★



1B Campbell-Kapolei Career Technical Education Center

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- Acquire land along high-speed rail line and construct new 600-800 capacity HS campus with highly-specialized facilities and equipment for advanced 21st century Career Tech Education (CTE) center to be shared and jointly operated by Campbell HS and Kapolei HS
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers such as coding, agriculture, sustainability
- Continue ongoing Campbell HS 27-classroom multi-story addition for near-term capacity relief until completion of CTE center, then remove portables

Benefits

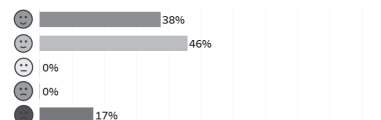
- Reduces HS crowding with new off-site capacity
- Expands student career opportunities
- Combines resources at Campbell HS and Kapolei HS to create a relatively highly-resourced CTE program
- **All opportunities in one plan/space**
- **Community! Brings unity to the two high schools**
- **Creates space to grow pathways**

Challenges

- Creating partnership between Campbell HS and Kapolei HS (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- **Collaboration: getting all the stakeholders in one room and agreeing on one thing**
- **Equity for attending a non-comprehensive site**

Stakeholder Voice

★★★★★



1C Campbell/Kapolei new high school

\$\$\$\$\$

- Similar to Scenario 1A, except accelerate East Kapolei HS design and construction sooner than current plans.
- Complete land acquisition and construct new high school with core capacity for 2,500+ and initial classroom capacity of ##### seats based on updated enrollment projections
- Determine new high school boundary area
- Determine feeder elementary and middle schools

Benefits

- **Alleviates overcrowded high schools**

Challenges

- **Community support for new high school complex**
- **Land availability**

Stakeholder Voice

★★★★★



1D Campbell/Kapolei CTE program study and stakeholder outreach

\$\$\$\$\$ \$75-100M+



● Priority 1

- Step 1: Conduct 6-12 month due-diligence study and engagement of student, industry, higher education, community, and DOE stakeholders to determine feasibility and implementation strategy for shared CTE program and facility for Campbell/Kapolei (Scenario 1B)
- Step 2: Implement either Scenario 1A, 1B, or 1C depending on outcome of due-diligence

Benefits

- **Allows time for broader base of stakeholders to contribute to complex CTE program decisions**

Challenges

- **Project implies commitment of school and complex-area leadership, and may require state and/or outside facilitation**

Recommendation

- Due to far-reaching significance and complex nature of this school design decision, EPC elects to initiate further study and broader engagement to determine best course of action to improve CTE programs and resolve capacity over-utilization



Kapolei Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (2A-2B relate to both Campbell and Kapolei Complexes)

2A Keep current ES boundary scenario

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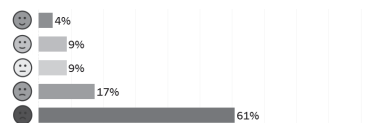
Benefits

- No changes to implement

Challenges

- Holomua ES operates at a projected 132% utilization, over capacity by 282 students while four area ES's have some surplus capacity
- Equity between schools and facility

Stakeholder Voice



2B Kapolei Elementary boundary change

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Priority 4

- Study area enrollment and boundaries to determine a boundary change scenario that would relieve over-crowding at area elementary schools such as Hookele ES
- Monitor growth and consider complex-wide or school area boundaries
- Priority 4 conveys EPC's acknowledgement that a boundary study is not an immediate need, but should be considered within 10-years

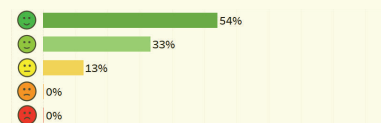
Benefits

- Relieve over-utilization without capital expenditures
- Promotes sense of community

Challenges

- Boundary change
- Equity between schools and facility

Stakeholder Voice



Recommendation

- Consider elementary boundary study toward end of 10-year planning horizon



Kapolei Complex

SCENARIOS and FACILITY OPTIONS































FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
3 Kapolei HS private-public-partnerships for CTE <ul style="list-style-type: none"> Explore private-public-partnership with local mechanic business to provide real-world experience Explore internships with area industry (e.g., partner with Hawaii Pacific Health to offer a work/study program for ~24 students, law enforcement/forensics/FBI/mock court) Partner with Hawaii Pacific Health to design and renovate 1+ classrooms for a mock-hospital Design a MS CTE awareness course for 8th grade students 	<ul style="list-style-type: none"> Provides real-world experiences for students with relatively low capital investment 	<ul style="list-style-type: none"> Need to create public-private partnerships 	\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● HS - #7		1 ●
4 Kapolei HS 21st century classroom partitions <ul style="list-style-type: none"> Fund plans to partition open-design classrooms with acoustically-treated and at least partially transparent moveable walls Design funded 	<ul style="list-style-type: none"> Removes outdated buildings New, modern environments Space for athletics and ag education 	<ul style="list-style-type: none"> Extends construction on occupied site. 	\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● HS - #6		1 ●
5 Kapolei HS new auditorium building with classrooms <ul style="list-style-type: none"> Construct covered outdoor venue for dining, assemblies, performances, and community use 	<ul style="list-style-type: none"> Provides flexible shared space Provides cultural arts performance venue 	<ul style="list-style-type: none"> Need to evaluate electrical infrastructure 	\$\$\$\$\$ \$20-40M	● ● ● ● ● HS - #3		1 ●
6 Kapolei HS student commons <ul style="list-style-type: none"> Construct a student commons facility in central field (pentagon) to include glass walls 	<ul style="list-style-type: none"> Provides modern, student commons center 		\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● HS - #5		2 ●
7 Kapolei HS central storage facility and loading docks <ul style="list-style-type: none"> Construct a facility for central receiving of school support items/materials 	<ul style="list-style-type: none"> Improves efficiency of shipping/storing school supplies and support items 		\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● HS - last		3 ●
8 Kapolei MS covered multi-purpose facility <ul style="list-style-type: none"> Construct covered outdoor space adjacent to cafeteria for dining, assemblies, and outdoor learning in central part of the campus 	<ul style="list-style-type: none"> Multi-purpose covered play and gathering space Provides shaded structure 		\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● MS - #3		1 ●
9 Kapolei ongoing middle school expansion projects <ul style="list-style-type: none"> Ongoing new East Kapolei MS at 1,050 capacity to relieve severe over-crowding Fund 16-classroom building currently being planned for Kapolei MS Fund Phase III of East Kapolei MS; once complete, remove portables on Kapolei MS 	<ul style="list-style-type: none"> Fosters collaborative instruction and student-focused project-based learning 		\$\$\$\$\$ \$40-75M	● ● ● ● ● MS - #1		1 ●
10 Kapolei complex covered multi-purpose spaces (all schools) <ul style="list-style-type: none"> Construct covered outdoor space for dining, assemblies, outdoor learning, and community use at all ES that don't currently have covered play courts, including Mauklani neighborhood park 	<ul style="list-style-type: none"> Multi-purpose covered play and gathering space Provides shaded structure 	<ul style="list-style-type: none"> Inter-agency cooperation required at Mauklani Park 	\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● ES - #3		2 ●



Kapolei Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 11 Mauka Lani (and other) ES permanent classroom building <ul style="list-style-type: none"> Replace 300 seats in portables (50% the school's capacity) with a new classroom building including at least two STEAM classrooms Confirm locations and capacities 	<ul style="list-style-type: none"> Portable replacement New, modern environments 		\$\$\$\$ \$20-40M	 ES - #1		1 
 12 Mauka Lani ES expanded parking lot structure <ul style="list-style-type: none"> Create and execute a plan to add parking to Mauka Lani ES 	<ul style="list-style-type: none"> Additional parking 		\$\$\$\$ \$2.5-7.5M	 ES - #4		1 
 13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$ \$7.5-20M	 HS/MS/ES - #1/2/2		1 
 14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ \$500k-2.5M	 HS/MS - #4/5/6		2 
 15 Kapolei complex cafeteria expansions <ul style="list-style-type: none"> Construct cafeteria eating spaces via covered community space with mobile seating and tables 	<ul style="list-style-type: none"> Provides expanded space for dining and community use Provides a 21st century assembly space 		\$\$\$\$ \$20-40M	 HS/MS - #2/4/5		2 
 16 Kapolei HS athletic projects - track, bleachers, fields			\$\$\$\$ \$20-40M	 HS - #7		3 
 17 Kapolei complex covered walkways (all schools)			\$\$\$\$ \$2.5-7.5M	 HS - #6		4 



Nanakuli Complex

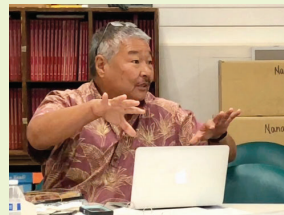
DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Nānākuli High & Intermediate (7-12)	1032 / 973 /-6%	1264	291	0.77	1971 / 2006 / 39	1%	0.85 / 11
	Nānāikapono Elementary (K-6)	787 / 770 /-2%	975	205	0.79	2004 / 2004 / 14	0%	0.74 / 91
	Nānākuli Elementary (K-6)	450 / 442 /-2%	550	108	0.80	1978 / 2003 / 30	8%	0.65 / 146
	TOTAL	2,185	2,789	604	0.78		3%	0.75

Stakeholder Voice:



We have **teachers teaching two different subjects like automotive and Spanish.**
- Student

I have to take **algebra online because we don't have the teacher.** - Student

We have **desks that are unstable and shift as you write.** We also have chairs that don't have a back so they are uncomfortable.
- Student

Cafeteria is so hot. Lines are so long it wraps around the cafeteria. Some **kids miss 5th or 6th period or don't eat at all.**
- Student

Nanakuli has the program that accepts anyone from what ever complex for music but we **don't even have a proper stage to perform on.** - Student

We don't have proper water faucets. We went without electricity and faucets for two weeks. It was hot and dark. We don't even have soap and we're lucky if there's toilet paper. -Student



Challenges:



Moderate flood risk: site in extreme tsunami zone (Nanaikapono ES)

Under-utilized capacity



No dedicated science at elementary schools

Music less than 50% of standard space: Nanakuli HS/IS
No music or art rooms at elementary schools

Resurface courts



Library less than 50% of standard space: Nanakuli ES




Electrical infrastructure
Air conditioning



Nanakuli Complex

SCENARIOS and FACILITY OPTIONS









































SCENARIOS	
1A Keep current operational scenario \$\$\$\$\$  <ul style="list-style-type: none"> All schools continue to operate within same grade configurations and on same campuses <div> Benefits <ul style="list-style-type: none"> No changes to implement </div> <div> Challenges </div> <div> Stakeholder Voice  </div>	1B (no alternative scenario) \$\$\$\$\$ <div> Benefits </div> <div> Challenges </div> <div> Stakeholder Voice  </div>
Recommendation <ul style="list-style-type: none"> No operational changes recommended 	



Nanakuli Complex

SCENARIOS and FACILITY OPTIONS


























FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 2 Nanakuli HS upgrade electrical infrastructure <ul style="list-style-type: none"> Upgrade electrical grid throughout site Design money 	<ul style="list-style-type: none"> Provides adequate power for technology and daily school operation Up to date for needs of 21st century school rigor 	<ul style="list-style-type: none"> Extends construction on occupied site Fire hazard 	\$\$\$\$\$ 500k-2.5M	 HS - #1		1 
 3.1 Nanakuli HS baseball field renovations	<ul style="list-style-type: none"> Safety of athletes and spectators 	<ul style="list-style-type: none"> Cost Location 	\$\$\$\$\$ 2.5M-7.5M	 HS - last		4 
 3.2 Nanakuli HS synthetic track <ul style="list-style-type: none"> Complete 	<ul style="list-style-type: none"> Safety of athletes and spectators 	<ul style="list-style-type: none"> Cost Location 	\$\$\$\$\$ 2.5M-7.5M	 HS - last		n/a
 3.3 Nanakuli HS pool and locker rooms	<ul style="list-style-type: none"> Safety of athletes and spectators 	<ul style="list-style-type: none"> Cost Location 	\$\$\$\$\$ \$2.5-7.5M	 HS - last		5 
 3.4 Nanakuli HS athletics improvements resurface courts <ul style="list-style-type: none"> Complete 	<ul style="list-style-type: none"> Safety of athletes and spectators 	<ul style="list-style-type: none"> Cost Location 	\$\$\$\$\$ 2.5M-7.5M	 HS - last		n/a
 4 Nanakuli shade structures (all schools) <ul style="list-style-type: none"> Construct shade structures over building courtyards Covered walkways and play areas 	<ul style="list-style-type: none"> Provides covered areas during inclement weather Mitigates against rain, heat, lack of shade, and hot benches 		\$\$\$\$\$ \$2.5-7.5M	 HS/ES - #5/4		2 
 5 Nanakuli HS new multi-purpose dining area <ul style="list-style-type: none"> Construct multi-purpose dining area for grades 7 and 8 	<ul style="list-style-type: none"> Provides needed dining space Additional dining space meets café requirements Mitigates safety challenges with sanitation, outdated equipment, and capacity overflow into hallways 		\$\$\$\$\$ 500k-2.5M	 HS - #2		5 
 6 Nanakuli HS career technical education (CTE) renovation <ul style="list-style-type: none"> Renovate existing CTE spaces and provide modern equipment and fixtures 	<ul style="list-style-type: none"> Provides modern spaces required for current CTE needs CTE courses will be in one area Provides more opportunities 		\$\$\$\$\$ \$20M-40M	 HS - #7		4 
 7 Nanakuli HS classroom renovation <ul style="list-style-type: none"> Renovate building B-14 into modern, flexible, project-based space 	<ul style="list-style-type: none"> Provides modern, flexible education space Provides students with proper facility 		\$\$\$\$\$ 500k-2.5M	 HS - #3		2 
 8 Nanakuli HS visual performing arts (VPA) center <ul style="list-style-type: none"> Construct VPA center with stage that includes outdoor amphitheater and music instruction space 	<ul style="list-style-type: none"> Provides needed VPA space for attractive, expanding program Mitigates safety hazards including heat on stage Benefits more than just the community Provides a home for program Helps maintain and sustain fine arts programs with revenue 		\$\$\$\$\$ \$20M-40M	 HS - #6		1 



Nanakuli Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 9 Renovate both ES to include STEAM spaces <ul style="list-style-type: none"> Include landscaping and sanitary drinking options Convert existing spaces into STEAM rooms 	<ul style="list-style-type: none"> Provide modern, flexible learning environments 		\$\$\$\$\$\$ 500k-2.5M	 ES - #3		4 
 10.1 Nanakuli ES covered play court <ul style="list-style-type: none"> Included in Option 4 	<ul style="list-style-type: none"> Provides covered multi-purpose area during inclement weather 		\$\$\$\$\$\$	 ES - #2		n/a
 10.2 Nanakuli ES replace portables with permanent building	<ul style="list-style-type: none"> Provides permanent, modern, flexible education space 		\$\$\$\$\$\$ \$20M-40M	 ES - #2		5 
 11 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school Reduces future renovation needs Longevity of facility Promotes health and safety for students Reduces soil erosion 		\$\$\$\$\$\$ \$7.5M-20M	 HS/ES - #4/1		1 
 12 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$\$ 500k-2.5M	 HS/ES - #9/5		1 
 13 Nanakuli HS gym improvements <ul style="list-style-type: none"> Heat abatement with fans New basketball hoop motors and rims Mitigate locker room flooding Restroom facilities Scoreboard 	<ul style="list-style-type: none"> Provides emergency shelter location 		\$\$\$\$\$\$ 2.5M-7.5M	 HS - #8		2 



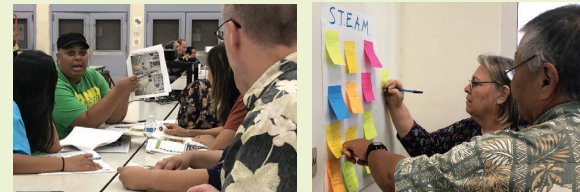
Waianae Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Waianae High (9-12)	1742 / 1745 / 0%	1866	121	0.94	1957 / 2008 / 45	55%	0.77 / 62
	Kamaile Academy PCS (K-12)	908 / 908 / 0%	671	-237	1.35	1989 / 1997 / 25	2%	0.69 / 114
	Waianae Intermediate (7-8)	942 / 733 / -22%	1021	288	0.72	1967 / 1996 / 46	74%	0.79 / 45
	Maili Elementary (K-6)	829 / 702 / -15%	763	61	0.92	1963 / 1988 / 51	82%	0.54 / 234
	Makaha Elementary (K-6)	547 / 557 / 2%	587	30	0.95	1961 / 1967 / 55	98%	0.60 / 205
	Waianae Elementary (K-6)	519 / 382 / -26%	753	371	0.51	1949 / 1982 / 54	76%	0.64 / 156
	Leihoku Elementary (K-6)	896 / 873 / -3%	978	105	0.89	1980 / 2007 / 29	10%	0.65 / 147
	TOTAL	5,900	6,639	739	0.89		57%	0.67

Stakeholder Voice:



West side gets neglected because they focus on places that are growing. I was in the yearbook committee of our school and as I went through the archive of photos, I noticed that the infrastructure stayed the same.

- Teacher

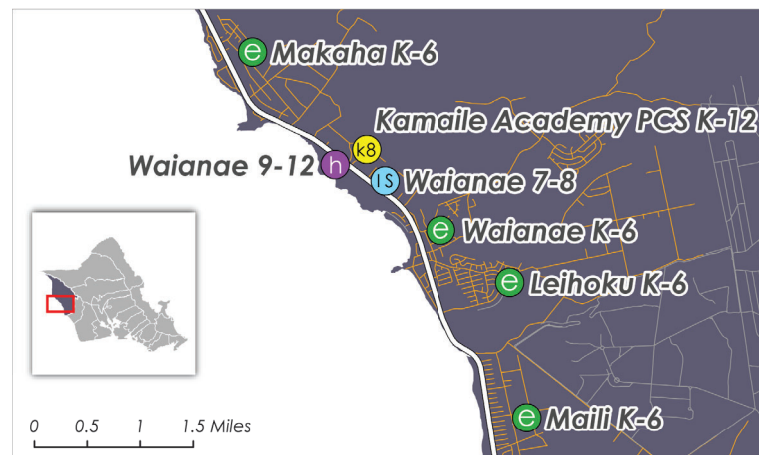


We can't even get our students to stay up because it's so hot. We have to go out and play to get them up.

- Teacher

I've been in the system for 30 years and haven't seen it change. I don't want to be retiring in a few years and [find] out that nothing has changed.

- Parent



Challenges:



- 22%-26% enrollment decline (Waianae IS, Waianae ES)



- Moderate flood risk: 100% of site in extreme tsunami zone (Waianae HS, Waianae IS, Waianae ES, Maili ES, and Kamaile Academy PCS)



- More than half of buildings are old or beyond expected life



- Capacity under-utilization at Waianae IS, Waianae ES
- Capacity over-utilization at Kamaile Academy PCS



- Industrial arts and family consumer science less than 50% of standard space: Waianae HS, Waianae IS



- No dedicated science room at elementary schools



- Dance and drama less than 50% of standard space: Waianae HS
- Art less than 50% of standard space: Kamaile Academy PCS



- No music or art rooms at elementary schools
- Locker/shower gender equity: Waianae HS
- Renovate fields, new track, training room



- Library less than 50% of standard space: Kamaile Academy PCS



- Cafeteria less than 50% of standard space: Makaha ES, Maili ES, Kamaile Academy PCS



- Admin less than 50% of standard space: Maili ES



- Mental health facility
- Air conditioning



1A Waianae Pre-K-5 and 6-8

- Consistent with complex-area Pre-K expansion plans, change grade configuration at Waianae IS and feeder elementary schools from K-6, 7-8 to Pre-K-5, 6-8 (move 6th grade from elementary schools to WIS, making room for Pre-K programs)
- Construct new 21st century 6th grade academic building at Waianae IS on parking lot with outdoor learning area
- Renovate classrooms, playgrounds, and student drop-off at all four elementary schools as appropriate for Pre-K
- **Waianae IS parking lot rebuild**

- Opens space for Waianae-Nanakuli research-based Pre-K initiative
- Modern, flexible spaces for sixth grade
- Better utilizes elementary and intermediate school facilities
- Additional students at WIS equals more dollars for WIS
- More motivating to attend school in a new facility

- Less students at elementary schools equals less dollars for elementary schools

Rating	Percentage
1 (Green)	68%
2 (Light Green)	32%
3 (Yellow)	0%
4 (Orange)	0%
5 (Red)	0%

- Proceed with Scenario 1A

Waianae Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2 Waianae HS marine science learning center expansion <ul style="list-style-type: none"> Construct new building to expand successful aquaponics program Research partnership with Future Farmers of America Partnership with harbor 	<ul style="list-style-type: none"> Opportunity for increased revenue generation by selling aquaponics products to restaurants Possibility of a new academy 		\$\$\$\$\$ \$20-40M	 HS - #4 tie		1 ●
3 Waianae HS CTE renovation <ul style="list-style-type: none"> Renovate CTE spaces for health, cyber, finance, marketing, hospitality Purchase new equipment for renovated CTE spaces 	<ul style="list-style-type: none"> Provides spaces needed for robust, modern CTE programs 		\$\$\$\$\$ \$2.5-7.5M	 HS - #6		3 ●
4 Waianae HS alternative learning center <ul style="list-style-type: none"> Construct new alternative learning center on two acres on east side of site 	<ul style="list-style-type: none"> Provides alternative learning center space for students with more focused need 		\$\$\$\$\$ \$20-40M	 HS - #4 tie		1 ●
5.1 Waianae HS power upgrades <ul style="list-style-type: none"> Upgrade electrical infrastructure Install solar panels in parking lot with covered parking 			\$\$\$\$\$ \$2.5-7.5M	 HS - #2		1 ●
5.2 Waianae HS covered pavilion <ul style="list-style-type: none"> Construct indoor/outdoor multi-purpose cafeteria/library Provides needed infrastructure to power technology 	<ul style="list-style-type: none"> Provides adequate multi-purpose space for student dining and library 		\$\$\$\$\$ \$2.5-7.5M	 HS - #2		5 ○
6 Waianae IS parking lot rebuild <ul style="list-style-type: none"> Rebuild parking lot to the south of current parking area (UH architecture department currently working on schematic plan). Fund construction of parking lot rebuild. Construct as multi-level, multi-purpose for emergency shelter. Included in Scenario 1A 	<ul style="list-style-type: none"> Improves traffic flow Provides needed parking for staff and parents 	<ul style="list-style-type: none"> Aesthetics 	\$\$\$\$\$ \$2.5-7.5M	 IS - #2		n/a
7 Waianae IS athletic master plan projects and community complex <ul style="list-style-type: none"> Per 2016 Athletic Master Plan, renovate fields, new track, training room Also, explore feasibility of community park/sports complex on existing site Track project in design 	<ul style="list-style-type: none"> Provides field space for school and community Creates one center for IS and HS Facilitates mentorship Creates sense of community Increases jobs Motivates students to stay in school Could benefit multiple schools 	<ul style="list-style-type: none"> Locating space Prone to vandalism 	\$\$\$\$\$ \$2.5-7.5M	 IS – last		3 ●
8.1 Waianae IS covered play court <ul style="list-style-type: none"> Construct multi-purpose covered play court 	<ul style="list-style-type: none"> Provides covered multi-purpose space during inclement weather 		\$\$\$\$\$ 500k-2.5M	 IS - #4		2 ●
8.2 Waianae IS second-floor rail <ul style="list-style-type: none"> Install second floor safety railing 	<ul style="list-style-type: none"> Provides safety improvements for raised pedestrian walkways 		\$\$\$\$\$ \$500k-2.5M	 IS - #4		5 ○



Waianae Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
9 Building additions and renovations (elementary schools) <ul style="list-style-type: none"> Waianae ES renovate Buildings A and B for Pre-K, construct new cafeteria and renovate current one into project-based learning maker space, remove portables, renovate or replace Buildings C & I Makaha ES replace portables with multi-level permanent building with capacity of 400, renovate Pre-K classrooms, renovate current portable footprint area for play fields, Leihoku ES renovate Pre-K classrooms, replace portables with multi-level permanent building with capacity for 300, construct covered play court Mali ES replace portables with multi-level permanent building with capacity for 400, expand cafeteria with multi-purpose indoor/outdoor space, renovate Pre-K classrooms, renovate two classrooms for special education/life-skills space 	<ul style="list-style-type: none"> Addresses facility deficiencies and improves equity at elementary schools Alleviates use of public park Improves safety with ability to lock fencing 21st century learning spaces 		\$\$\$\$ \$40-75M	ES - #4		1
10 Makaha ES parking and traffic improvements (all schools) <ul style="list-style-type: none"> Redesign drop-off lanes Construct parking area 	<ul style="list-style-type: none"> Improves traffic flow Provides needed parking for staff and parents Improves parent involvement Alleviates cars stuck in mud when it rains 		\$\$\$\$ \$500k-2.5M	ES - #3		1
11 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$ \$7.5-20M	HS/IS/ES - #3/2		1
12 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ \$500k-2.5M	HS - #7/5/6		1
13 Air conditioning in all classrooms	<ul style="list-style-type: none"> Relatively low cost Quick fix Increases student engagement Teacher retention Health benefits 21st century technology is preserved 	<ul style="list-style-type: none"> Electrical infrastructure Wiring New plans/proposals 	\$\$\$\$ \$2.5-7.5M	HS/IS/ES - #1		1
14 Elementary Special Education, alternative center <ul style="list-style-type: none"> Mental health facility 	<ul style="list-style-type: none"> Provides services for counseling to community Meets a hierarchy of needs Potentially increases student attendance 	<ul style="list-style-type: none"> Existing outside providers Determining location 	\$\$\$\$ \$2.5-7.5M	ES - #5		1
15 Waianae IS athletic community complex <ul style="list-style-type: none"> Multi-purpose addition 			\$\$\$\$ \$20-40M			2
16 Waianae HS athletic natatorium/pool <ul style="list-style-type: none"> Multi-purpose addition Explore integrating into the ocean 			\$\$\$\$ \$20-40M			4



Pearl City Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Pearl City High (9-12)	1568 / 1507 / -4%	1823	316	0.83	1971 / 2014 / 41	0%	0.86 / 8
	Highlands Intermediate (7-8)	889 / 863 / -3%	938	75	0.92	1959 / 1991 / 54	92%	0.80 / 39
	Manana Elementary (K-6)	389 / 356 / -8%	456	100	0.78	1969 / 1974 / 48	0%	0.68 / 119
	Palisades Elementary (K-6)	442 / 424 / -4%	426	2	1.00	1955 / 1967 / 61	100%	0.61 / 195
	Pearl City Elementary (K-6)	422 / 391 / -7%	522	131	0.75	1955 / 1956 / 62	100%	0.67 / 136
	Pearl City Highlands Elementary (K-6)	546 / 557 / 2%	449	-108	1.24	1958 / 1961 / 59	100%	0.58 / 221
	Lehua Elementary (K-6)	244 / 272 / 11%	427	155	0.64	1965 / 2001 / 52	100%	0.63 / 170
	Kanoelani Elementary (K-6)	790 / 842 / 7%	655	-187	1.29	1982 / 1998 / 32	18%	0.58 / 218
	Momilani Elementary (K-6)	413 / 402 / -3%	340	-62	1.18	1972 / 1972 / 46	0%	0.52 / 245
	Waiau Elementary (K-6)	482 / 483 / 0%	470	-13	1.03	1974 / 1998 / 36	11%	0.62 / 185
	TOTAL	6,097	6,506	409	0.94		52%	0.65

Stakeholder Voice:



My school was here before Hawaii became a state. When the wind blows hard, the wifi turns off. I don't even know how that happens. We only have electricity on one wall.

- Administrator

There are ways that you can future-proof classrooms. I put wheels on everything in my room. We need to stop thinking about the traditional rows and columns seating.

- Teacher

We need solutions to adapt maker spaces and pod-oriented collaboration learning areas. We need to fund STEM. We need to start designing areas of school for multiple uses at our time.

- Teacher



We should have open spaces where teachers can use them as they need to. We need to design spaces according to our students.

- Teacher



For the past 30 years, everyone's been pouting about college. We need to break from that mentality.

- Parent



Challenges:



- Half of buildings are old or beyond expected life

- Capacity over and under-utilization at elementary schools
- More than 25% of capacity in portables: Waiau ES, Kanoelani ES



- No dedicated science room at elementary schools

- Music less than 50% of standard space: Pearl City HS
- No music or art rooms at most elementary schools

- Resurface courts, girls' lockers



- Library less than 50% of standard space: Pearl City Highlands ES, Momilani ES

- Cafeteria less than 50% of standard space: Waiau ES, Kanoelani ES

- Admin less than 50% of standard space: Palisades ES, Momilani ES, Pearl City Highlands ES

- Future-proof design
- ADA compliance



Pearl City Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Highlands IS phased reconstruction

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- Create master plan to reconstruct entire school site

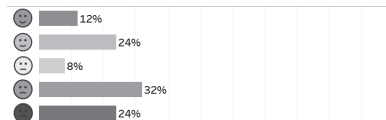
Benefits

- Alleviates multiple site issues that cannot otherwise be easily fixed
- Alleviates ADA accessibility
- Opens space for parking
- Opens space for play area
- Modernizes educational spaces
- Alleviates lack of electrical infrastructure for existing one-to-one
- Replaces buildings in poor condition
- Mitigates flooding conditions during heavy rains

Challenges

- Disruption to students during long construction project: **finding swing space**

Stakeholder Voice



1B Highland IS rebuilt on alternate site

\$\$\$\$\$ \$75M-100M+ ! ● Priority 1

- Acquire land or repurpose another site and construct new Highlands IS
- Consider existing DOE sites, with further review of capacity utilization, long-term enrollment projection, and focused community engagement
- Consider 6-8 grade configuration
- Initiate search and due diligence within 6-12 months of Facility Master Plan adoption

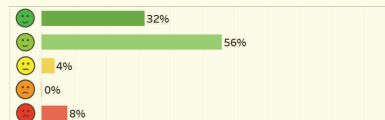
Benefits

- Ability to rebuild challenged facility without disrupting school operations
- 6-8 configuration could alleviate capacity utilization at elementary schools
- Moves school off site with instable soils
 - Explore land swap with county for adjacent park
 - Allows school operations to continue during construction
 - Would provide more space for parking

Challenges

- Limited availability of land
- Community support to move 6th grade students into middle level
- Transportation of students to new middle school location
- Working with city and county on land swap and temporary disruption for park users

Stakeholder Voice



1C Highlands IS minor renovations

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- Perform needed renovations to maintain facility state without major capital investments

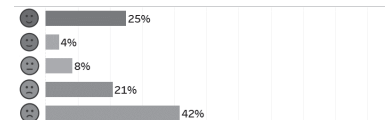
Benefits

- Maintains safe facility conditions for students

Challenges

- Maintains facility on instable soils

Stakeholder Voice



Recommendation

- Proceed with Scenario 1B, to include land search and due diligence, as well as stakeholder engagement regarding grade configuration and school design



Pearl City Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2.1 Pearl City HS upgrade electrical infrastructure <ul style="list-style-type: none"> Upgrade electrical grid 	<ul style="list-style-type: none"> Provides necessary power for technology and daily operational needs 		\$\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #1		1 ●
2.2 Pearl City HS install air conditioning <ul style="list-style-type: none"> Install air conditioning in classrooms 	<ul style="list-style-type: none"> Creates cool, comfortable environment for learning 		\$\$\$\$\$\$ \$20-40M			3 ○
3 Pearl City HS renovate career technical education (CTE) spaces <ul style="list-style-type: none"> Renovate existing CTE spaces into modern learning environments with modern equipment and fixtures Repurpose existing auto to flexible engineering/manufacturing/fashion space Partially funded 	<ul style="list-style-type: none"> Provides modern appropriate space for CTE Utilizes a currently under-utilized space 		\$\$\$\$\$\$ \$20-40M	●●●●● HS - #4 tie		1 ●
4 Pearl City HS shade structures <ul style="list-style-type: none"> Install shade structures between Buildings A & B and E & F 	<ul style="list-style-type: none"> Creates outdoor space for student activities and outdoor CTE space 		\$\$\$\$\$\$ \$500k-2.5M	●●●●● HS - last		5 ○
5 Pearl City HS cultural center <ul style="list-style-type: none"> Renovate cultural center auditorium for shared use between school and community Include sound booth and technology renovation 	<ul style="list-style-type: none"> Provides shared space with community for cultural arts Creates a space that will likely be in high-demand benefiting all students 		\$\$\$\$\$\$ \$20-40M	●●●●● HS - #6 tie		2 ○
6.1 Pearl City HS Special Education and ADA improvements <ul style="list-style-type: none"> Special Education classroom renovation and equipment upgrades Elevator and ADA improvements 	<ul style="list-style-type: none"> Provides necessary equipment and accessibility to all students 		\$\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #3		1 ●
6.2 Pearl City HS building and site improvements <ul style="list-style-type: none"> Resurface paved areas Replace aging sports facility bleachers Included in Option 13 			\$\$\$\$\$\$			n/a
7 Pearl City HS adjacent land use or acquisition <ul style="list-style-type: none"> Look into viability of using adjacent Department of Land and Natural Resources land Initiate due diligence on land soon 	<ul style="list-style-type: none"> Provides additional land to expand high school program 		\$\$\$\$\$\$ \$500k-2.5M	●●●●● HS - #6 tie		1 ●



Pearl City Complex

SCENARIOS and FACILITY OPTIONS















FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
8 New ES building construction and portable replacements <ul style="list-style-type: none"> Kanoelani ES: Replace 14 portables with permanent multi-level building with capacity for 350. Construct indoor/outdoor extended multi-purpose cafeteria. Momilani ES: Renovate admin for Welcome Center, secondary and principal offices, support offices, and build two new STEAM CRs, one library, and two special education classrooms on south side lawn; air conditioning in cafeteria Palisades ES: Replace current admin and gym with new multi-level building in SW corner to include admin, STEAM classrooms; include new parking lot, covered drop-off and walkways Pearl City Highlands ES: Construct new STEAM building with six classrooms and professional learning center for teacher collaboration; fund existing plan to construct new library/media center and repurpose current library for admin offices; repair and renovate cafeteria floor to mitigate settling Waiau ES: Replace portables with new multi-level 180-capacity classroom building on east side of courtyard, which includes two STEAM rooms and music room. Replace portables with new cafeteria and raze existing cafeteria. Upgrade electrical boxes to support recent electrical upgrades 	<ul style="list-style-type: none"> Addresses facility deficiencies and improves equity at elementary schools Moves students out of portables into permanent buildings 		\$\$\$\$\$ \$40-75M	●●●●● ES - #2		1 ●
9 ES STEAM classroom renovations <ul style="list-style-type: none"> Manana ES: Renovate classrooms to create two STEAM classrooms and build new STEAM building in courtyard adjacent to Building F Lehua ES: Follow through with funded design of new admin building, fund construction of new admin building, repurpose existing admin for STEAM/maker space Pearl City ES: Renovate classrooms for two Special Education and two STEAM CR renovations 	<ul style="list-style-type: none"> Creates modern, flexible classroom environments 		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #4		3 ●
10 ES multi-purpose covered areas <ul style="list-style-type: none"> Kanoelani ES: Construct indoor/outdoor extended multi-purpose cafeteria. Include triggered sprinklers. Manana ES: Replace Building F with multi-purpose covered area; construct ADA ramp Lehua ES: Follow through to fund construction of existing design of outdoor multi-purpose covered area Molilani ES: Follow through with construction of funded covered play court Pearl City ES: Build covered play court Palisades ES: Consider partnership with Parks & Rec to cover neighboring park areas and play courts. If no partnership is possible include a rooftop covered play court to newly built admin/STEAM classrooms 	<ul style="list-style-type: none"> Provides covered area for school and community functions during inclement weather 		\$\$\$\$\$ \$40-75M	●●●●● ES - #5		2 ●
11 Parking lot and fire lane improvement <ul style="list-style-type: none"> Kanoelani ES: Renovate parking area and fire lane Manana ES: Follow through with existing parking lot and fire lane improvements in progress Waiau ES: Include construction of new drop-off lane along proposed retaining wall on Hookanike Place and construct new fire lane from Hookanike Place toward Building F 	<ul style="list-style-type: none"> Provides needed parking for staff and parents Improves traffic during drop-off and pick-up Improves infrastructure relating to fire safety 		\$\$\$\$\$ \$40-75M	●●●●● ES - #3		1 ●



Pearl City Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 12 Manana ES purchase Special Education medical fragile facilities <ul style="list-style-type: none"> Purchase equipment for Special Education population 	<ul style="list-style-type: none"> Provides proper equipment to support Special Education programs 		\$\$\$\$\$ \$500K-2.5M	 ES - #6		1 
 13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and repairs, e.g., structural repairs at LHS Building Z, fire alarm, and mold remediation 	<ul style="list-style-type: none"> Addresses top priority needs at each school 		\$\$\$\$\$ \$7.5-20M	 HS/ES - #2/1		1 
 14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects, such as sound dampening in multi-purpose room for ukulele program 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 HS - #/7		4 



Waipahu Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Waipahu High (9-12)	2554 / 2452 / - 4%	2201	-251	1.11	1967 / 2006 / 41	47%	0.79 / 47
	Waipahu Intermediate (7-8)	1294 / 1165 / - 10%	1192	27	0.98	1941 / 2006 / 38	29%	0.86 / 9
	August Ahrens Elementary (K-6)	1259 / 1275 / 1%	1436	161	0.89	1958 / 2003 / 44	32%	0.73 / 97
	Waipahu Elementary (K-6)	1039 / 990 / -5%	1202	212	0.82	1955 / 2014 / 40	44%	0.71 / 108
	Honowai Elementary (K-6)	659 / 628 / -5%	790	162	0.79	1968 / 1968 / 49	96%	0.57 / 225
	Kaleiōpu'u Elementary (K-6)	848 / 844 / 0%	977	133	0.86	1989 / 1997 / 27	2%	0.65 / 148
	Waialele Elementary (K-6)	597 / 594 / -1%	649	55	0.92	1998 / 1998 / 20	0%	0.73 / 94
	TOTAL	7,948	8,447	499	0.94		36%	0.72

Stakeholder Voice:

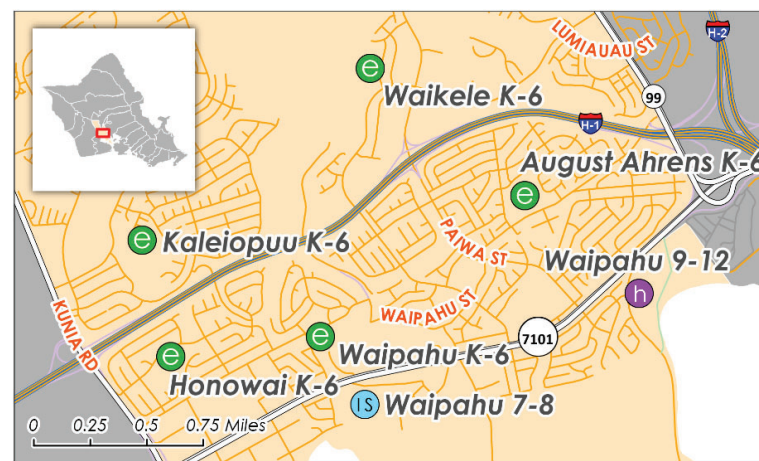


Another issue is temperature. A lot of the **main buildings don't have AC** and it gets really hot. It **distracts students from learning** because they focus on being hot. - Student

I only have 5 mins of passing period. Teachers have to give up class time for students to get to class. **Hallways are not wide**. If you go off hallways, you drag dirt into classrooms, which makes a hassle for our teachers and custodians. - Student



In the future, there **should be more time to walk to class**, wider hallways, more cement, or grass compared to dirt and mud. - Student



Challenges:



- Family consumer science less than 50% of standard space: Waipahu HS, Waipahu IS



- Library less than 50% of standard space: Honowai ES



- Honowai ES buildings are old or beyond expected life



- Cafeteria less than 50% of standard space: Waipahu HS



- Capacity under-utilization at Honowai ES



- Admin less than 50% of standard space: Maili ES



- Locker/shower gender equity: Waipahu HS
- Resurface courts, training room




- Support for medically fragile students



Waipahu Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS	
<p>1A Keep current operational scenario</p> <p>\$\$\$\$\$ </p> <ul style="list-style-type: none"> All schools continue to operate within same grade configurations and on same campuses <p>Benefits</p> <ul style="list-style-type: none"> No changes to implement <p>Challenges</p> <p>Stakeholder Voice ★★★★★</p>	<p>1B (no alternative scenario)</p> <p>\$\$\$\$\$</p> <p>Benefits</p> <p>Challenges</p> <p>Stakeholder Voice ★★★★★</p>
<p>Recommendation</p> <ul style="list-style-type: none"> No operational changes recommended 	



Waipahu Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2.1 Waipahu HS 18-classrooms (Phase 1) <ul style="list-style-type: none"> Phase 1 construction of 18 specialty classrooms building Already funded 	<ul style="list-style-type: none"> Provides accessible space for population of high incident and medically fragile students Provides adequate space for enrollment and specialty programs Enhances current programs ADA compliance 	<ul style="list-style-type: none"> Finding new location for play courts Electricity cost for additions that need aircon 	\$\$\$\$\$\$	●●●●● HS - #1		n/a
2.2 Waipahu HS 10-classrooms and parking expansion (Phase 2) <ul style="list-style-type: none"> Phase 2 construction of 8-10 classrooms building (consider including special education space for high incidence and medically-fragile students) Construct new expansion to parking lot Project is designed 			\$\$\$\$\$\$ \$20-40M	●●●●● HS - #1		1 ●
2.3 Waipahu HS parking structure			\$\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #1		1 ●
3 Waipahu HS athletic improvements <ul style="list-style-type: none"> Construct new locker room to accommodate Title IX Construct new weight room 	<ul style="list-style-type: none"> Provides some athletic facility equity Upgrades equipment and facility for growing sports program Improves athletic performance 	<ul style="list-style-type: none"> Losing facilities during renovations 	\$\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #6		1 ●
4 Waipahu HS new cafeteria <ul style="list-style-type: none"> Construct new multi-purpose, multi-level cafeteria with stage that overlooks Pearl Harbor 	<ul style="list-style-type: none"> Provides adequate dining space for enrollment Provides conduit to education of local history by having Pearl Harbor in background Allows room for student performances 	<ul style="list-style-type: none"> Providing lunch service during construction of new café of existing site Duration of construction Relocating classes/clubs during construction 	\$\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #4		2 ●
5 Waipahu HS parking lot expansion <ul style="list-style-type: none"> Construct new expansion to parking lot Included in Option 2.2 	<ul style="list-style-type: none"> Provides adequate parking for staff parents, and community 		\$\$\$\$\$\$	●●●●● HS - #5		n/a
6 Waipahu HS program-specific building additions <ul style="list-style-type: none"> Construct new building for AEC Construct space for education academy with PK instruction Construct space for adult education center Construct health center Construct law and justice center with mock court Construct arts and community center building 	<ul style="list-style-type: none"> Provides facilities to allow for program creation and expansion 	<ul style="list-style-type: none"> Available space on site 	\$\$\$\$\$\$ \$40-75M	●●●●● HS - #3		1 ●
7 Waipahu HS integrated academy digital signage <ul style="list-style-type: none"> Install jumbotron 	<ul style="list-style-type: none"> Opportunity to generate revenue through community advertisements 	<ul style="list-style-type: none"> Legality Equity optics 	\$\$\$\$\$\$ \$500k-2.5M	●●●●● HS - last		3 ●



Waipahu Complex

SCENARIOS and FACILITY OPTIONS











FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
8 Waipahu IS site DREAMS facility <ul style="list-style-type: none"> Follow through with construction of seven classroom science building Upgrade air conditioning system to split controls for medically fragile students Expand parking areas and redesign drop-off lanes to accommodate more traffic Modify pedestrian bridge to street Develop back of site for athletic fields or space Expand basketball courts Construct joint-use public youth center Air cond. for all classes in all spaces Parking turnaround to decrease traffic 	<ul style="list-style-type: none"> Addresses facility deficiencies and improves equity at middle grades Opportunity for public partnership for multi-use youth center Provides modern high tech building 	<ul style="list-style-type: none"> Changing light signal to accommodate left turn signal 	\$\$\$\$\$ \$20-40M	●●●●● Int - #1		1 ●
9.1 Building additions and renovations (elementary schools) <ul style="list-style-type: none"> August Ahrens ES: Replace 15 portables with permanent building with modern, flexible classrooms. Locate special education classrooms near driveway. Follow through with construction of existing designs; follow through with funded phase 1 and 2 of upgrade to electrical infrastructure Honowai ES: Upgrade electrical infrastructure; repair roofs on buildings H & D; install security lighting on entire campus Kaleiopuu ES: Fund permanent 8-classroom permanent building for STEAM/special education/teacher collaboration; follow through with funded design of cafeteria extension and include indoor/outdoor function with stage and full service kitchen. Follow through with funding construction of cafeteria; upgrade electrical infrastructure; install A/C to main buildings currently without it; covered walkways (various); construct emergency evacuation path from back of school to Hoaeae park; renovate Building G fire door, walkway, and stairs. Land acquired for parking. Waikale ES: Install security lighting on entire campus; renovate and modernize library; replace portables with permanent STEAM building Waipahu ES: Install security lighting on entire campus; relocate or raze portable 1 for space to expand kitchen and cafeteria; replace portables 10-15 with permanent STEAM and multi-purpose project based learning spaces with capacity for 150 on either side of Waipahu Street; expand parking lot by partnering with City to use adjacent gravel lot; land acquired for parking 	<ul style="list-style-type: none"> Addresses facility deficiencies and improves equity at elementary schools Health and safety Provides alternative emergency evacuation path Provides for more time efficient lunch periods 	<ul style="list-style-type: none"> Using part of school grounds to create additional pathway Sufficient café staff on site 	\$\$\$\$\$ \$40-75M	●●●●● ES - #1		1 ●
9.2 Building multi-purpose outdoor covered facility <ul style="list-style-type: none"> Covered walkways for all campuses including to cafeterias Confirm sites other than Waipahu ES and Kaleiopuu ES 			\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #1		2 ●
10 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and repairs, include electrical upgrades and safety lighting at all schools 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	●●●●● HS/Int/ES - #2		1 ●
11 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	●●●●● HS/Int/ES - #7/3/4		4 ●
12 STEAM renovations (elementary schools) <ul style="list-style-type: none"> Renovate/construct new STEAM classrooms at all elementary schools without them 	<ul style="list-style-type: none"> Enhances science and arts instruction 		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #3		1 ●



Waipahu Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 13 Electrical capacity (all schools)			\$\$\$\$ \$20-40M	 HS - #1		1 
 14 Waipahu HS land use partnership			\$\$\$\$ \$500k-2.5M	 HS - #1		1 











APPENDIX I

Central Hawaii Options Reports

Central Hawaii District Overview

District-wide Options (Priority 1):							Option TR: Transportation solution to support innovation and partnerships between schools (\$\$) Option DL: Distance learning infrastructure (\$\$)	
	 Aiea	 Leilehua	 Mililani	 Moanalua	 Radford	 Waialua		
Priority 1	<ul style="list-style-type: none">Option 2: Aiea HS health careers and community clinic center (\$\$)Option 5: Aiea HS girls' lockers and gym renovation (\$\$)Option 8: Aiea IS site covered play court (\$\$\$)Option 11: Building additions and renovations (elementary schools) (\$\$\$\$)Option 12: Alvah Scott ES improved vehicular traffic (\$\$)Option 13: Prioritized repairs and maintenance (all schools) (\$\$)Option 18: Aiea HS ADA accessibility upgrades (\$\$)	<ul style="list-style-type: none">Scenario 1A: Keep current operational scenarioOption 2: Leilehua HS project-based learning spaces, STEAM and professional centers (\$\$\$)Option 4: Wahiawa MS project-based learning spaces & professional centers (\$\$)Option 8: Covered multi-purpose play court (various schools) (\$\$\$)Option 9: Building additions and renovations (various schools) (\$\$\$\$)Option 10: Kaala ES parking and drop-off area (\$\$)Option 12: Prioritized repairs and maintenance (all schools) (\$\$)Option 14: Leilehua HS campus road repaving (\$\$)Option 18: Leilehua HS site drainage (\$\$)	<ul style="list-style-type: none">Scenario 1A: Mililani HS master-planned multi-story additions on current site (\$\$\$\$)Option 3: Mililani HS visual and performing arts center (planned) (\$\$\$)Option 6: Mililani MS classroom additions (net five additional classrooms) (\$\$\$)Option 7: Mililani MS covered multi-purpose amphitheater (\$\$)Option 8: Replace portables and outdated buildings (various schools) (\$\$\$\$)Option 10: Mililani Mauka ES covered play court (planned) (\$\$)Option 11: Mililani Waena ES phased reconstruction (\$\$\$\$)Option 13: Prioritized repairs and maintenance (all schools) (\$\$)Option 22: Mililani HS administration expansion and recapture classrooms (\$\$)Option 23: Mililani HS covered walkways and security fencing around public (\$\$)Option 26: Mililani HS girls' lockers (\$\$)	<ul style="list-style-type: none">Scenario 1A: Keep current operational scenarioOption 2: Moanalua HS Special Education and ADA enhancements (\$\$)Option 5: Moanalua HS shade structure in courtyard (\$\$)Option 8: Moanalua IS new instructional music space (\$\$)Option 9: Covered multi-purpose play court (elementary schools) (\$\$\$\$)Option 10: Building additions and renovations (various schools) (\$\$\$\$)Option 11: Salt Lake ES classroom partitions to add capacity (\$\$)Option 13: Prioritized repairs and maintenance (all schools) (\$\$)Option 16: Salt Lake ES electrical upgrade (\$\$)	<ul style="list-style-type: none">Scenario 1B: Change elementary attendance boundariesOption 2.2: Radford HS athletic upgrades gym structural slab repairs (\$\$)Option 4: Radford HS ADA and electrical upgrades (\$\$)Option 5: Radford HS band room/music addition (\$\$\$\$)Option 9: Aliamanu MS phased reconstruction (\$\$\$\$)Option 10: Electrical system upgrades (all schools) (\$\$\$\$)Option 12: Building additions and renovations (elementary schools) (\$\$\$\$)Option 13: Expanded parking lot and improved drop-off (various schools) (\$\$)Option 14: ADA accessibility improvements (various schools) (\$\$)Option 18: Pearl Harbor Kai ES site drainage (\$\$)Option 19: Prioritized repairs and maintenance (all schools) (\$\$)Option 21: Radford HS expand admin and relocate health to first floor (\$\$)	<ul style="list-style-type: none">Scenario 1A: Haleiwa ES minor renovationsOption 4: Waialua HS and IS music arts facility (\$\$\$\$)Option 7: Waialua ES flexible maker-spaces (\$\$)Option 8: Haleiwa ES STEAM classrooms (\$\$)Option 9: Prioritized repairs and maintenance (all schools) (\$\$)		
Priority 2	<ul style="list-style-type: none">Option 4: Aiea HS Special Education enhancements (\$\$)Option 6: Aiea IS Special Education and flexible STEAM spaces (\$\$\$\$)Option 10: Flexible project-based STEAM classrooms (elementary schools) (\$\$)	<ul style="list-style-type: none">Option 6: Wheeler MS/Wheeler ES covered play court (\$\$)	<ul style="list-style-type: none">Option 4.1: Mililani MS Special Education enhancements (\$\$)Option 15: Mililani HS air conditioning (\$\$)Option 21: Mililani HS electrical upgrades (\$\$)	<ul style="list-style-type: none">Option 4: Moanalua HS Career Technical Education renovations/additions (\$\$\$\$)Option 7: Moanalua IS covered play court (\$\$)Option 15: Moanalua complex-wide parking additions (\$\$\$\$)	<ul style="list-style-type: none">Option 3: Radford HS 21st century learning environments (\$\$\$\$)Option 6: Radford HS science labs (\$\$)Option 7: Aliamanu MS covered play court (\$\$)Option 11: Flexible project-based STEAM classrooms (elementary schools) (\$\$)Option 15: Covered multi-purpose play court (elementary schools) (\$\$\$\$)	<ul style="list-style-type: none">Option 2: Waialua HS and IS site drainage (\$\$\$\$)Option 6: Waialua ES new multi-purpose cafeteria and administration center (\$\$\$\$)		
Priority 3	<ul style="list-style-type: none">Option 14: Locally-determined enhancements (all schools) (\$\$)	<ul style="list-style-type: none">Option 13: Locally-determined enhancements (all schools) (\$\$)Option 15: Leilehua HS install air conditioning (\$\$\$\$)Option 17: Leilehua HS cafeteria expansion (\$\$)	<ul style="list-style-type: none">Option 12: Mililani Uka ES improved student drop-off (\$\$)Option 14: Locally-determined enhancements (all schools) (\$\$)Option 20: Mililani HS site drainage (\$\$)Option 28: Mililani HS softball bleachers (\$\$)	<ul style="list-style-type: none">Option 6: Moanalua HS girls' athletic lockers (\$\$)Option 14: Locally-determined enhancements (all schools) (\$\$)	<ul style="list-style-type: none">Option 20: Locally-determined enhancements (all schools) (\$\$)	<ul style="list-style-type: none">Option 3: Waialua HS and IS new 21st century classroom building (\$\$\$\$)Option 10: Locally-determined enhancements (all schools) (\$\$)		
Priority 4	<ul style="list-style-type: none">Scenario 1B: Central District administration offices and STEAM education and professional development center at Aiea ES (\$\$\$\$)Option 7: Aiea IS outdoor project-based learning venue (\$\$\$\$)Option 15: Aiea HS parking addition (\$\$)Option 16: Aiea HS outdoor project-based learning venue (\$\$)	<ul style="list-style-type: none">Option 3: Leilehua HS new professional learning center (\$\$\$\$)Option 5: Wheeler MS/Wheeler ES new music facilities (\$\$\$\$)	<ul style="list-style-type: none">Option 9: Kipapa ES covered multi-purpose amphitheater (\$\$)Option 17: New paint at all schools (\$\$)Option 24: Mililani HS new gym (\$\$\$\$)Option 25: Mililani HS maintenance facilities (\$\$)Option 27: Mililani HS interior and exterior painting (\$\$)	<ul style="list-style-type: none">Option 3: Moanalua HS new classroom building (\$\$\$\$)Option 12: Salt Lake ES construct new, multi-level classroom building (\$\$\$\$)	<ul style="list-style-type: none">Option 2.1: Radford HS athletic upgrades (\$\$)Option 17: Makalapa ES air conditioning (\$\$)	<ul style="list-style-type: none">Option 5: Waialua HS and IS Special Education enhancements (\$\$)		
Priority 5		<ul style="list-style-type: none">Option 19: Leilehua HS athletic storage (\$\$)	<ul style="list-style-type: none">Option 4.2: Mililani HS Special Education enhancements (\$\$)Option 5: Mililani HS, Mililani MS professional learning center (\$\$)					



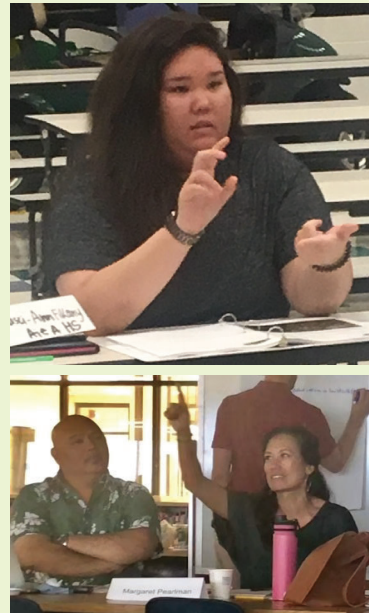
Aiea Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Aiea High (9-12)	997 / 952 /-5%	1041	89	0.91	1961 / 2000 / 49	73%	0.83 / 19
	Aiea Intermediate (7-8)	588 / 522 /-11%	788	266	0.66	1964 / 1969 / 52	87%	0.79 / 46
	Aiea Elementary (K-6)	354 / 319 /-10%	416	97	0.77	1935 / 1967 / 56	100%	0.66 / 141
	Alvah Scott Elementary (K-6)	502 / 492 /-2%	675	183	0.73	1955 / 1958 / 62	100%	0.64 / 159
	Waimalu Elementary (K-6)	426 / 379 /-11%	578	199	0.66	1961 / 1989 / 53	89%	0.64 / 160
	Webling Elementary (K-6)	479 / 476 /-1%	540	64	0.88	1967 / 1972 / 48	74%	0.59 / 214
	Pearl Ridge Elementary (K-6)	534 / 492 /-8%	563	71	0.87	1972 / 2000 / 39	8%	0.59 / 210
	TOTAL	3,632	4,601	969	0.79		76%	0.68

Stakeholder Voice:

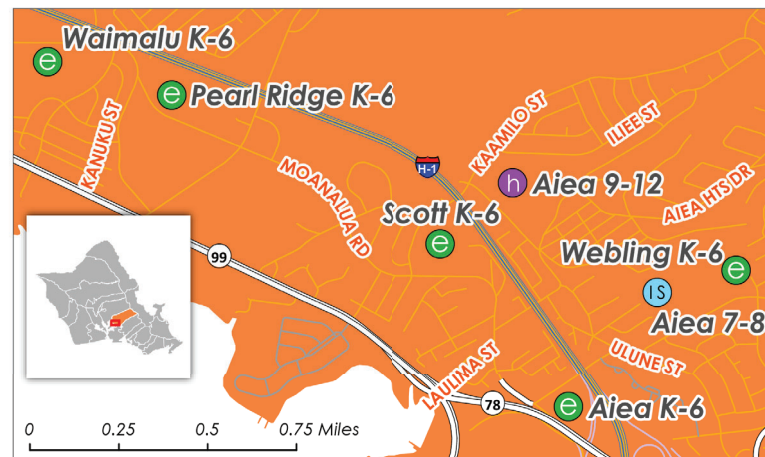


We have the vision, just not the funding.
- Student

I want to see more investments in Health Services. We only have **one teacher that teaches it all**, one classroom and one teacher. More students are interested but **we are crammed into one small room**.
- Student

Our facilities are old. As they were doing construction on our roofs, the top floors got flooded. Now classes are all over the place. I wish we had AC. When it rains, we can't get anywhere without getting wet. It's stuff like that **hurts our learning environment**.
- Student

A program that needs improved facilities is the CTE Industrial Engineering pathway. Our tech coordinator is pushing for computer science but **we don't have the spaces to support these technologies**. If we have the facilities, these programs will be more popular. I'm interested in CAD and 3D modeling. **One way to build interest is with experience and exposure**.
- Student



Challenges:



- Waimalu ES 251 of 575 (44%) students GE out or attend charter



- More than half of facilities are classified as old or beyond useful life



- Aiea IS, Aiea ES, Alva Scott ES, and Waimalu ES have under-utilized capacity



- Industrial Arts less than 50% of standard space: Aiea HS and Aiea IS



- No science rooms at elementary schools



- No dedicated art or music rooms at elementary schools



- Girls' lockers



- Library less than 50% of standard space: Webling ES



- Cafeteria less than 50% of standard space: Pearl Ridge ES, Webling ES, Aiea ES



- Admin less than 50% of standard space: Webling ES



Aiea Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Central District administration offices at current locations

\$\$\$\$\$

- Continue leasing office space and operating in converted spaces at various school locations across Central District

Benefits

- No changes to implement

Challenges

- Expense of leased office space

Stakeholder Voice



1B Central District administration offices and STEAM education and professional development center at Aiea ES

\$\$\$\$\$ \$20-40M Priority 4

- Maintain Aiea ES operations
- Raze Buildings H and I
- Repurpose part of the available site for district-wide STEAM center, community use with health services, special education center, and district/complex administration and professional learning center
- Design within context of stadium re-development
- Consider potential long-term enrollment

Benefits

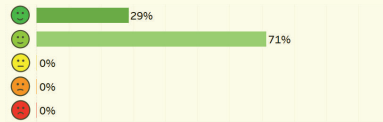


- Provides state-of-the-art science and art space for area-wide project-based learning
- Provides space for other district-wide needs that can be centralized to maximize resources (current space is leased yearly)
- Opportunity to collaborate with potential Aloha Stadium development
- Provides professional space for teacher collaboration
- Recaptures classroom space at schools for educational use

Challenges

- Reconfiguring the site for district and school joint use

Stakeholder Voice



Recommendation

- Seize the opportunity of neighboring stadium redevelopment to create a large, multi-purpose meeting and instruction space that serves local school and District needs, while being a part of a larger area redevelopment project



Aiea Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	2 Aiea HS health careers and community clinic center <ul style="list-style-type: none"> Renovate first floor of Building Q for health clinic/program Possible partnership with Veterans Administration facility Include Option 3 21st century classroom conversion 	<ul style="list-style-type: none"> Space for medical CTE program Improves community access to healthcare 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #1 tie		1 ●
	3 Aiea HS 21st century classroom conversion <ul style="list-style-type: none"> Move third floor district offices in Building Q to Moanalua or Radford if possible or to a location TBD and renovate into library Demolish existing library and replace with multi-level STEAM classrooms Expand parking into existing library site Included in Option 2 	<ul style="list-style-type: none"> Provides modern collaborative educational spaces Adjacent to parking Helps to enhance academics More accessibility to health clinic 	<ul style="list-style-type: none"> Construction during school hours is a disruption to learning 	\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #1 tie		n/a
	4 Aiea HS Special Education enhancements <ul style="list-style-type: none"> Renovate Special Education space with life skills training equipment 	<ul style="list-style-type: none"> Provides adequately equipped space for special education 		\$\$\$\$\$ \$500k-2.5M	●●●●● HS - #7		2 ●
	5 Aiea HS girls' lockers and gym renovation <ul style="list-style-type: none"> Renovate locker rooms for girls' program, per Athletic Master Plan Designed but not funded for construction Include Option 17 	<ul style="list-style-type: none"> Title IX equity in locker room space Addresses an existing priority 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #3		1 ●
	6 Aiea IS Special Education and flexible STEAM spaces <ul style="list-style-type: none"> Install new plumbing and renovate first floor of Building A for two flexible classrooms and special education 	<ul style="list-style-type: none"> Helps school with its move towards project-based learning and STEAM Balloon Blow Constellation Provides modern, flexible project spaces 		\$\$\$\$\$ \$20-40M	●●●●● Int - #1		2 ●
	7 Aiea IS outdoor project-based learning venue <ul style="list-style-type: none"> Construct covered courtyard in Building D with garage door enclosures and electrical upgrades to be used as project-based learning space 	<ul style="list-style-type: none"> Provides modern, flexible project spaces 		\$\$\$\$\$ \$20-40M	●●●●● HS - #2		4 ●
	8 Aiea IS site covered play court <ul style="list-style-type: none"> Construct multi-purpose covered play court 	<ul style="list-style-type: none"> Provides flexible-use outdoor space during high heat and inclement weather 		\$\$\$\$\$ \$20-40M	●●●●● Int - #3 tie		1 ●
	9 Aiea IS performing arts stage <ul style="list-style-type: none"> Follow through with existing stage project Project fully funded 	<ul style="list-style-type: none"> Enhances VPS program 		\$\$\$\$\$ \$20-40M	●●●●● Int - #2		n/a
	10 Flexible project-based STEAM classrooms (elementary schools) <ul style="list-style-type: none"> Renovate and/or construct one to two new multi-purpose flexible educational spaces for STEAM at all area elementary schools 	<ul style="list-style-type: none"> Modern, flexible educational spaces 		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #2		2 ●



Aiea Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
11 Building additions and renovations (elementary schools) <ul style="list-style-type: none"> Alva Scott – phased major renovations to classroom buildings Pearl Ridge – expand cafeteria and replace # portables with new flexible classroom building OR replace # portables with new cafeteria and convert cafeteria into flexible classroom space Waimalu – replace # portables with multi-level permanent capacity for 150 and multi-purpose covered play court, and convert six classrooms in Building A with multi-purpose and special education space Webbing – demolish and reconstruct library to include flexible STEAM classrooms 	<ul style="list-style-type: none"> Addresses facility deficiencies and improves equity at elementary schools 		\$\$\$\$\$ \$40-75M	●●●●● HS/ES - #2/3		1 ●
12 Alva Scott ES improved vehicular traffic <ul style="list-style-type: none"> Develop solution with adjacent property owners to use Heleconia Place for site egress 	<ul style="list-style-type: none"> Alleviates traffic issues during morning drop-off and afternoon pick-up 		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #1		1 ●
13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance repairs 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M			1 ●
14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	●●●●● HS - #14/6/4		3 ●
15 Aiea HS parking addition <ul style="list-style-type: none"> Construct additional parking lot in place of existing library when building 21st century additions 	<ul style="list-style-type: none"> Provides parking for students and staff 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #8 tie		4 ●
16 Aiea HS outdoor project-based learning venue <ul style="list-style-type: none"> Construct outdoor collaborative performing venue on under-used front hill adjacent to Building A 	<ul style="list-style-type: none"> Provides modern collaborative educational spaces for performing arts Provides performance space for community use 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #8 tie		4 ●
17 Aiea HS sports facilities renovations <ul style="list-style-type: none"> Include in Option 5 Designed but not funded for construction 			\$\$\$\$\$ \$500k-2.5M	●●●●● HS - #5		n/a
18 Aiea HS ADA accessibility upgrades	<ul style="list-style-type: none"> Provides accessibility to all students, staff, and community members 		\$\$\$\$\$ \$500k-2.5M	●●●●● Int - #3 tie		1 ●



Moanalua Complex

DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Moanalua High (9-12)	1942 / 1975 / 2%	1646	-329	1.20	1972 / 2015 / 38	4%	0.81 / 36
	Moanalua Middle (7-8)	823 / 746 / -9%	665	-81	1.12	1968 / 1976 / 48	70%	0.75 / 83
	Moanalua Elementary (K-6)	639 / 736 / 15%	663	-73	1.11	1961 / 1971 / 53	86%	0.60 / 206
	Red Hill Elementary (K-6)	468 / 497 / 6%	510	13	0.97	1969 / 1974 / 47	2%	0.62 / 174
	Shafter Elementary (K-6)	474 / 482 / 2%	391	-91	1.23	1966 / 1968 / 51	100%	0.54 / 236
	Salt Lake Elementary (K-6)	742 / 749 / 1%	633	-116	1.18	1970 / 2010 / 44	0%	0.63 / 172
	TOTAL	5,185	4,508	-677	1.15		44%	0.66

Stakeholder Voice:



We need to trickle down these programs and give elementary school students exposure to explore these fields prior to high school. We get so bogged down with the math and reading, math and reading that we don't let them see the fun stuff. **The kids are losing out.**
- Parent

Health services pathway can be improved. We go into textbook stuff because **we don't have the space to work on hands-on activities** and gain clinical practices. The kitchen space is also limited, classroom sizes are small because the kitchen is small.
- Student

We need to not get caught up with what's trending. We have to look beyond. All I'm hearing right now is CTE, CTE, CTE, but **we need to think broader. We need to think of stuff like agriculture and manufacturing. Not all students are going to be pursuing computer careers.**
- Teacher

Challenges:



- Up to 15% enrollment growth projected at elementary schools



- Half of facilities are classified as old or beyond useful life



- All schools have at least one core space that is less than 50% of required based on enrollments



- Family consumer space less than 50% of standard: Moanalua HS
- Industrial arts space less than 50% of standard: Moanalua MS



- No science rooms at elementary schools



- No music facilities at two of four elementary schools



- Athletic lockers less than 50% of required space



- Library less than 50% of standard space: Shafter ES, Moanalua ES, Moanalua MS



- Cafe less than 50% of standard space: Red Hill ES, Shafter ES



- Admin less than 50% of standard space: Shafter ES, Moanalua ES, Moanalua MS



- Space for community partners



Moanalua Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS	
<p>1A Keep current operational scenario</p> <p> \$\$\$\$\$ 🔄 ● Priority 1 </p> <ul style="list-style-type: none"> All schools continue to operate as currently configured <div> Benefits <ul style="list-style-type: none"> No changes to implement </div> <div> Challenges </div> <p>Stakeholder Voice ★★★★★</p>	<p>1B (no alternative scenario)</p> <p>\$\$\$\$\$</p> <div> Benefits </div> <div> Challenges </div> <p>Stakeholder Voice ★★★★★</p>



Moanalua Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2 Moanalua HS special education and ADA enhancements <ul style="list-style-type: none"> Renovate two classrooms for self-contained special education with life skills equipment Upgrade or replace ADA accessibility/elevator 	<ul style="list-style-type: none"> Improves special education and accessibility compliance 		\$\$\$\$\$\$ \$500k-2.5M	HS - #2		1
3 Moanalua HS new classroom building <ul style="list-style-type: none"> Construct new classroom building for 300 students, to include STEAM classroom environments 	<ul style="list-style-type: none"> Provides modern, flexible education space Alleviates overcrowding 	<ul style="list-style-type: none"> Cost could be avoided by restricting GEs to current capacity 	\$\$\$\$\$\$ \$20-40M	HS - #4		4
4 Moanalua HS Career Technical Education renovations/additions <ul style="list-style-type: none"> Convert/convert spaces to enhance CTE programs like health, graphics, and culinary 	<ul style="list-style-type: none"> Provides modern, flexible special education spaces for Career Technical instruction 		\$\$\$\$\$\$ \$20-40M	HS - #1		2
5 Moanalua HS shade structure in courtyard <ul style="list-style-type: none"> Consider trees in lieu of built structure 	<ul style="list-style-type: none"> Provides covered multi-purpose use space during inclement weather 		\$\$\$\$\$\$ \$500k-2.5M	HS - last		1
6 Moanalua HS girls' athletic lockers <ul style="list-style-type: none"> Construct new girls' locker shower facility per Athletic Master Plan 	<ul style="list-style-type: none"> Improves facility deficiency and improve gender equity 		\$\$\$\$\$\$ \$2.5-7.5M	HS - #5		3
7 Moanalua IS covered play court <ul style="list-style-type: none"> Requires coordination with county or development of wooded area on site 	<ul style="list-style-type: none"> Provides covered multi-purpose use space during inclement weather 		\$\$\$\$\$\$ \$2.5-7.5M	Int - #1		2
8 Moanalua IS new instructional music space <ul style="list-style-type: none"> Construct new music building near Building K 	<ul style="list-style-type: none"> Provides modern, flexible educational space for music program enhancement 		\$\$\$\$\$\$ \$500k-2.5M	Int - #4		1
9 Covered multi-purpose play court (elementary schools)	<ul style="list-style-type: none"> Provides covered outdoor multipurpose space 		\$\$\$\$\$\$ \$20-40M	ES - #3		1
10 Building additions and renovations (various schools) <ul style="list-style-type: none"> Moanalua ES: replace portables P1-P5 with new multi-level multi-media center and 12 classroom building including two flexible STEAM classrooms. Repurpose library for professional learning center. Red Hill ES: replace portables P1 and P2 with new flexible STEAM classrooms and professional learning center in courtyard near Building B Salt Lake ES: renovate kitchen into a cooking kitchen Shafter ES: construct multi-purpose STEAM classrooms above cafeteria (if school is not replaced on nearby site by DoD) 	<ul style="list-style-type: none"> Addresses facility deficiencies and improves equity at elementary schools Better utilization of land Allows for professional development in Central District Saves money from transporting food by creating a kitchen at Salt Lake ES 		\$\$\$\$\$\$ \$40-75M	ES - #1		1
11 Salt Lake ES classroom partitions to add capacity <ul style="list-style-type: none"> Follow through with classroom renovations to add partitions to 'open concept' learning spaces for net gain of ### capacity Ongoing project 	<ul style="list-style-type: none"> Provides additional capacity by activating hard-to-use spaces 		\$\$\$\$\$\$ \$2.5-7.5M	ES - #4		1
12 Salt Lake ES construct new, multi-level classroom building <ul style="list-style-type: none"> ## additional capacity. Consider expansion into library or into adjacent slope. 	<ul style="list-style-type: none"> Modern, flexible classroom space Relieves over-crowding 		\$\$\$\$\$\$ \$20-40M	ES - #2		4



Moanalua Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost	Stakeholder Voice	Funding Category	Priority Tier
13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and repairs, e.g., Red Hill ES window louver sealing and roof repairs, Shafter flood control 	<ul style="list-style-type: none"> Address top-priority needs at each school Saves on additional operational cost (i.e., bussing, use of another facility) Safety for students Eliminates interruption in instructional time 	<ul style="list-style-type: none"> Cost prioritization in regard to other needs 	\$\$\$\$\$ \$7.5-20M	●●●●● HS/Int/ES – #6/2/5		1 ●
14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects, e.g., Red Hill safety fence 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	●●●●● HS/Int/ES - #7/3/6		3 ●
15 Moanalua complex-wide parking additions <ul style="list-style-type: none"> Construct new or additional parking at each school site where needed 	<ul style="list-style-type: none"> Solves major parking issues Encourages more community involvement Existing plans for construction of auditorium at HS requires more parking Facilitates the attraction of more events at HS to bring in additional revenue 	<ul style="list-style-type: none"> Available land Increased traffic 	\$\$\$\$\$ \$20-40M	●●●●● HS – #3/5/7		2 ●
16 Salt Lake ES electrical upgrade <ul style="list-style-type: none"> Partially-funded project 			\$\$\$\$\$ \$2.5-7.5M			1 ●



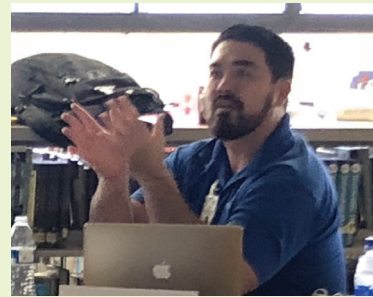
Radford Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Radford High (9-12)	1275 / 1214 / -5%	1302	88	0.93	1956 / 2010 / 55	88%	0.74 / 89
	Aliamanu Middle (7-8)	714 / 563 / -21%	915	352	0.62	1959 / 1962 / 58	100%	0.80 / 42
	Aliamanu Elementary (K-6)	594 / 528 / -11%	802	274	0.66	1958 / 2013 / 52	81%	0.61 / 194
	Hickam Elementary (K-6)	588 / 716 / 22%	511	-205	1.40	1950 / 1965 / 61	94%	0.55 / 232
	Makalapa Elementary (K-6)	606 / 505 / -17%	533	28	0.95	1971 / 1973 / 45	5%	0.69 / 115
	Mokulele Elementary (K-6)	314 / 287 / -9%	498	211	0.58	1960 / 1996 / 51	86%	0.67 / 127
	Nimitz Elementary (K-6)	706 / 698 / -1%	614	-84	1.14	1954 / 1954 / 64	100%	0.61 / 192
	Pearl Harbor Elementary (K-6)	586 / 530 / -10%	590	60	0.90	1956 / 1993 / 61	96%	0.62 / 177
	Pearl Harbor Kai Elementary (K-6)	460 / 408 / -11%	566	158	0.72	1900 / 1968 / 65	100%	0.69 / 116
	TOTAL	5,449	6,331	882	0.86		83%	0.67

Stakeholder Voice:



*Each and every student be provided with an optimal learning environment as well as **have a school and facility that they can be proud of.***

- Administrator

*DOE schools have to accept that some graduates cannot pursue 4-year degrees because college is cost prohibitive. They have to **create curricula where students can aspire to work in less professional but still have very worthy and notable careers in the trade industries.***

- Administrator

*This would be awesome if curriculum could be structured to focus on **careers, professions that these organizations welcome/have. This could inspire students and focus them into an area of study.***

- Administrator



Challenges:



- -17% to 22% enrollment change projected at elementary schools
- Rapid enrollment decline at Aliamanu MS



- Moderate flood risk: 60% of site in extreme tsunami zone: Hickam ES



- Most facilities are classified as old or beyond useful life



- 140% utilization at Hickham ES



- Industrial arts and family consumer area less than 50% of standard space



- No science rooms at six of seven elementary schools



- Less than 50% of required music space at Radford HS
- No dedicated art or music rooms at any of seven elementary schools



- Less than 50% of required athletic locker room at Radford HS



- Library less than 50% of standard space: Aliamanu MS and five of seven elementary schools



- Kitchen or cafeteria less than 50% of required space at two elementary schools and middle school



- Admin less than 50% of standard space: Pearl Harbor ES, Hickham ES



- Space for community partners



Radford Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Hickam ES and Nimitz ES new classroom buildings

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- Re-plan sites and replace portable and/or permanent buildings with multi-story permanent classroom buildings to net add 10 classrooms at Hickam and four classrooms at Nimitz, with adjacent flexible STEAM, Special Education, and project-based learning spaces

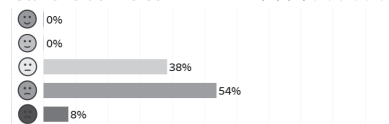
Benefits

- No operational changes to implement
- New facilities with 21st century updates
- Updated equipment for education of students
- Smaller class sizes
- State-of-the-art resources

Challenges

- Cost and disruption of new construction when 442 projected surplus elementary capacity already exists within Radford complex
- Could create inequitable conditions within complex if other ES do not receive renovations
- Meeting projected enrollment
- Greater need for new buildings at other schools
- Hickham ES is in a tsunami and flood zone

Stakeholder Voice



1B Change elementary attendance boundaries

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● Priority 1

- Review attendance boundary lines to balance utilization at Hickam Mokulele ES, Nimitz ES, and Pearl Harbor Kai ES
- Include DoD/base in discussions for boundary and/or grade configurations

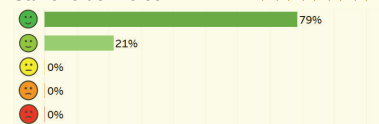
Benefits

- Balances utilization between Hickam Mokulele ES, Nimitz ES, and Pearl Harbor Kai ES
- Non capital solution to balance utilization
- More even distribution of students/funding
- Easier transition for students
- Walking distance to school
- Constant influx of new students
- More federal impact aid going to Title I schools (Makalapa ES, Pearl Harbor ES)

Challenges

- Community support needed for boundary change
- Lack of free school bus transportation
- Geographic exception process
- Military housing population constantly changing

Stakeholder Voice



Recommendation

- Avoid unnecessary capital expenses through a boundary change between neighboring elementary schools with sufficient capacity for area students



Radford Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2.1 Radford HS athletic upgrades <ul style="list-style-type: none"> Construct cover for basketball court and expand weight room to 2nd floor 	<ul style="list-style-type: none"> Improves PE and athletic program 	<ul style="list-style-type: none"> Not identified in Statewide Athletic Master Plan 	\$\$\$\$\$ \$2.5-7.5M	HS - #5		4
2.2 Radford HS athletic upgrades gym structural slab repairs			\$\$\$\$\$ \$2.5-7.5M			1
3 Radford HS 21st century learning environments <ul style="list-style-type: none"> Construct modern, flexible, STEAM, project-based learning spaces and professional learning centers between existing buildings as supports to existing classrooms 	<ul style="list-style-type: none"> Provides modern, flexible education space Provides covered multi-purpose use space during inclement weather 	<ul style="list-style-type: none"> Availability of adequate and passionate teachers 	\$\$\$\$\$ \$20-40M	HS - #2		2
4 Radford HS ADA and electrical upgrades <ul style="list-style-type: none"> Construct elevator to main building, upgrade electrical system capacity Upgrade other needed areas for ADA compliance 	<ul style="list-style-type: none"> Facilitates use of 1:1 technology ADA improvements 		\$\$\$\$\$ \$2.5-7.5M	HS - #1		1
5 Radford HS band room/music addition <ul style="list-style-type: none"> Construct addition to band room by using portion of parking area near chorus room Renovate and repurpose existing band room for art or as modern, multi-purpose, flexible space Build performing arts complex 	<ul style="list-style-type: none"> Provides modern, flexible education space Provides specialized spaces for program enhancement 	<ul style="list-style-type: none"> Available space 	\$\$\$\$\$ \$20-40M	HS - #4		1
6 Radford HS science labs <ul style="list-style-type: none"> Follow through with planned media arts and science lab projects (media arts component is fully funded) Include proper equipment and supplies for respective spaces 	<ul style="list-style-type: none"> Completes existing projects for modern, flexible educational spaces 	<ul style="list-style-type: none"> Availability of adequate and passionate teachers 	\$\$\$\$\$ \$2.5-7.5M	HS - #3		2
7 Aliamanu MS covered play court <ul style="list-style-type: none"> Construct multi-purpose covered play court 	<ul style="list-style-type: none"> Provides covered multi-purpose use space during inclement weather 	<ul style="list-style-type: none"> DOE construction regulations for covered play courts 	\$\$\$\$\$ \$2.5-7.5M	MS - #3		2
8 Aliamanu MS 21st century learning environments <ul style="list-style-type: none"> Renovate and construct modern, flexible, STEAM, project-based learning spaces and professional learning centers between existing buildings as supports to existing classrooms Included in Option 9 	<ul style="list-style-type: none"> Provides modern, flexible education space Provides professional space for staff development, retention, and team planning 		\$\$\$\$\$	MS - #2		n/a
9 Aliamanu MS phased reconstruction <ul style="list-style-type: none"> Re-plan site and implement phased building repair/replace project 	<ul style="list-style-type: none"> Replaces outdated buildings at or beyond expected life 	<ul style="list-style-type: none"> Extendeds disruption during construction 	\$\$\$\$\$ \$40-75M	MS - #4		1
10 Electrical system upgrades (elementary ALL schools) <ul style="list-style-type: none"> Upgrade electrical system capacity at all elementary schools 	<ul style="list-style-type: none"> Facilitates use of 1:1 technology 		\$\$\$\$\$ \$20-40M	HS/MS - #3/1/1		1
11 Flexible project-based STEAM classrooms (elementary schools) <ul style="list-style-type: none"> Renovate and/or construct one to two new multi-purpose flexible educational spaces for STEAM at all area elementary schools 	<ul style="list-style-type: none"> Modern, flexible educational spaces. 		\$\$\$\$\$ \$2.5-7.5M	ES - #5		2



Radford Complex

SCENARIOS and FACILITY OPTIONS














FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
12 Building additions and renovations (elementary schools) <ul style="list-style-type: none"> Aliamanu ES: Replace Buildings A and B with multi-story building with 21st century classrooms and new administrative and professional learning center. Replace portables, Buildings M1, M2, and old Admin with new parking lot and drop off Hickam ES: Expand cafeteria and multi-purpose room for assembly and community use Makalapa ES: Replace portables with multi-story preschool learning center, add primary classroom restrooms in Building I, and expand cafeteria into field as with indoor/outdoor multi-purpose space Mokulele ES: Construct professional learning center space Nimitz ES: Construct new library and STEAM space and renovate current library into classrooms Pearl Harbor ES: Expand library to include flexible learning spaces Pearl Harbor Kai ES: Expand library to include professional learning center Incorporate Option 11 	<ul style="list-style-type: none"> Addresses facility deficiencies and improves equity at elementary schools 		\$\$\$\$\$ \$40-75M	●●●●● ES - #8		1 ●
13 Expanded parking lot and improved drop-off (various schools) <ul style="list-style-type: none"> Aliamanu MS: Construct parking and additional drop-off area in northwest corner of site (Aliamanu ES fully funded) Makalapa ES: Reconfigure parking and drop-off lanes on north backside by cafeteria Pearl Harbor ES: Expand teacher parking on north side of site with 30-40 stalls 	<ul style="list-style-type: none"> Alleviates some parking and traffic issues Convenience and safety 		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #6 tie		1 ●
14 ADA accessibility improvements (various schools) <ul style="list-style-type: none"> Requested at Hickam ES, Nimitz ES, and Pearl Harbor Kai ES 	<ul style="list-style-type: none"> Makes buildings accessible to all students Complies with law 		\$\$\$\$\$ \$500k-2.5M	●●●●● ES - #2		1 ●
15 Covered multi-purpose play court (elementary schools) <ul style="list-style-type: none"> Construct covered multi-purpose facility for PE, assembly, dining, and educational use at all elementary schools 	<ul style="list-style-type: none"> Provides covered outdoor multi-purpose space 		\$\$\$\$\$ \$20-40M	●●●●● ES - #6 tie		2 ●
16 Makalapa ES time shift to mitigate traffic <ul style="list-style-type: none"> Time shift of drop-off and pick-up times between Makalapa ES and Radford HS 	<ul style="list-style-type: none"> Alleviates traffic issues Facilitates health and wellbeing of HS students 	<ul style="list-style-type: none"> No-cost solution Coordination of times between ES and HS Convenience to parents that transport their kids Bus/transportation timing and overlap with athletics and extracurriculars 	\$\$\$\$\$ \$0	●●●●● ES - #4		n/a
17 Makalapa ES air conditioning <ul style="list-style-type: none"> Install air conditioning and photovoltaic panels Requires completion of Option 10 	<ul style="list-style-type: none"> Provides additional electrical capacity for technology needs 	<ul style="list-style-type: none"> Upgrading to modern electrical technology within confines of outdated structures 	\$\$\$\$\$ \$500k-2.5M	●●●●● ES - #3		4 ●
18 Pearl Harbor Kai ES site drainage <ul style="list-style-type: none"> Follow through with planned site drainage project 	<ul style="list-style-type: none"> Addresses recurring flooding 		\$\$\$\$\$ \$500k-2.5M	●●●●● ES - last		1 ●
19 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and repairs, e.g., structural repairs at LHS Building Z, fire alarm, and mold remediation 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	●●●●● HS/MS/ES - #6/6/9		1 ●



Radford Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	20 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects, such as Iliahi sound dampening in multi-purpose room for ukulele program 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	     HS/MS/ES – #7/5/10		3 
	21 Radford HS expand admin and relocate health to first floor			\$\$\$\$\$ \$2.5-7.5M			1 



Leilehua Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Leilehua High (9-12)	1683 / 1571 / -7%	1780	209	0.88	1901 / 2006 / 50	71%	0.77 / 64
	Wahiawa Middle (6-8)	775 / 629 / -19%	1058	429	0.59	1961 / 1963 / 53	93%	0.81 / 34
	Wheeler Middle (6-8)	799 / 768 / -4%	883	115	0.87	1969 / 1978 / 47	2%	0.84 / 17
	Inouye Elementary (K-5)	766 / 772 / 1%	709	-63	1.09	1959 / 2015 / 39	64%	0.66 / 140
	Helemano Elementary (K-5)	572 / 583 / 2%	565	-18	1.03	1956 / 1996 / 41	46%	0.57 / 223
	Iliahi Elementary (K-5)	373 / 356 / -5%	431	75	0.83	1964 / 1972 / 52	75%	0.61 / 193
	Ka'ala Elementary (K-5)	411 / 449 / 9%	483	34	0.93	1958 / 1965 / 55	94%	0.61 / 198
	Solomon Elementary (K-5)	921 / 917 / 0%	957	40	0.96	1969 / 2006 / 42	7%	0.62 / 178
	Wahiawa Elementary (K-5)	457 / 459 / 0%	547	88	0.84	1950 / 1955 / 65	95%	0.64 / 158
	Wheeler Elementary (K-5)	794 / 835 / 5%	720	-115	1.16	1936 / 1991 / 45	36%	0.62 / 181
	TOTAL	7,339	8,133	794	0.90		58%	0.68

Stakeholder Voice:



We want one space that can do all of those things instead of specialized rooms. It would need to be so **multi-purpose** that it can handle everything.
- Administrator

Each and every student be provided with an **optimal learning environment** as well as have a **school and facility that they can be proud of**. - Administrator

Creating **facilities that are appealing, family-oriented, accommodating, and invites employees to work 24/7** is ideal. . . - Administrator

DOE schools have to accept that some graduates cannot pursue 4-year degrees because college is cost prohibitive. They have to **create curricula where students can aspire to work in less professional but still have very worthy and notable careers in the trade industries**.
- Administrator

This would be awesome if curriculum could be structured to **focus on careers, professions** that these organizations welcome/have. This could inspire students and focus them into an area of study.
- Administrator



Challenges:



- Enrollment growth projected at elementary schools. Decline projected at MS and HS.



- No science rooms at four of seven elementary schools



- More than half of facilities are classified as old or beyond useful life



- 27% of capacity in portables at Leilehua HS




- Library less than 50% of standard space at four of seven elementary schools
- Cafeteria space less than 50% of standard space at three of seven elementary schools
- Admin less than 50% of standard space: Helemano ES
- Fire alarm system at HS needs replacement
- No dedicated art or music rooms at five of seven elementary schools
- PE locker facility less than 50% of requirement at Leilehua HS



Leilehua Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS	
<p>1A Keep current operational scenario</p> <p>\$\$\$\$\$ </p> <ul style="list-style-type: none"> All schools continue to operate as currently configured <div> <p>Benefits</p> <ul style="list-style-type: none"> No changes to implement </div> <div> <p>Challenges</p> </div> <p>Stakeholder Voice ★★★★★</p>	<p>1B (no alternative scenario)</p> <p>\$\$\$\$\$</p> <div> <p>Benefits</p> </div> <div> <p>Challenges</p> </div> <p>Stakeholder Voice ★★★★★</p>



Leilehua Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
2 Leilehua HS project-based learning spaces, STEAM and professional centers <ul style="list-style-type: none"> Re-plan site and renovate/construct new 21st century flexible spaces, STEAM rooms, and professional learning centers distributed across campus Incorporated into site master plan 	<ul style="list-style-type: none"> Modern, flexible educational spaces Space for prep/planning, teacher/student collaboration, and prof development Facilitates use of classrooms during teacher conference periods, increasing capacity Provides necessary space for projects Provides space for student/teacher private discussions 	<ul style="list-style-type: none"> Opening adequate amount of land to rebuild 	\$\$\$\$ \$20-40M	●●●●● HS - #2		1 ●
3 Leilehua HS new professional learning center <ul style="list-style-type: none"> Construct new 21st century library with space for college/career counseling center. 	<ul style="list-style-type: none"> Provides modern, flexible, educational, and post-graduation resource Provides student center type of space to gather and work on projects 	<ul style="list-style-type: none"> Adequate amount of land to build 	\$\$\$\$ \$20-40M	●●●●● HS - #3		4 🕒
4 Wahiawa MS project-based learning spaces & professional centers <ul style="list-style-type: none"> Renovate buildings for program-specific improvement to include multi-purpose flexible educational space (STEAM, professional learning center, common areas) 	<ul style="list-style-type: none"> Modern, flexible, educational spaces Space for prep/planning, teacher/student collaboration, and professional development Facilitates use of classrooms during teacher conference periods, increasing capacity Potential to attract more students to explore sciences with new equipment and spaces 		\$\$\$\$ \$2.5-7.5M	●●●●● MS - #2		1 ●
5 Wheeler MS/Wheeler ES new music facilities <ul style="list-style-type: none"> Construct new music building near play court and renovate current music room into multi-purpose flexible maker spaces. Renovate MS Building E for ES use as classrooms and music. Include Option 7 	<ul style="list-style-type: none"> Provides modern multi-purpose performance art space Provides path for student learning outside of core academics Encourages student creativity and extracurricular activities 	<ul style="list-style-type: none"> Might not be used often without enough population for program 	\$\$\$\$ \$20-40M	●●●●● MS - #4		4 🕒
6 Wheeler MS/Wheeler ES covered play court <ul style="list-style-type: none"> Construct cover over play court to create multi-purpose dining/assembly space to be shared by the MS and ES 	<ul style="list-style-type: none"> Multi-purpose outdoor dining, assembly, and performance space Provides space for exercise without being out in the sun 	<ul style="list-style-type: none"> Covering a play court that may possibly need to be renovated. Check on existing condition. 	\$\$\$\$ \$2.5-7.5M	●●●●● MS - #3		2 🕒
7 Wheeler MS/Wheeler ES new 21st century classroom buildings <ul style="list-style-type: none"> Replace ## portables and WES Building D with new multi-story 250-student classroom building(s) for MS and ES use to include flexible project-based learning STEAM spaces Included in Option 5 	<ul style="list-style-type: none"> Replace outdated portables with modern, flexible educational spaces Provides permanent classrooms with plumbing and no mold 	<ul style="list-style-type: none"> Potential displacement of students during construction 	\$\$\$\$ \$20-40M	●●●●● MS - #1		n/a
8 Covered multi-purpose play court (various schools) <ul style="list-style-type: none"> Requested by Helemano ES, Kaala ES, Wahiawa ES, Wheeler MS/ES 	<ul style="list-style-type: none"> Provide covered outdoor multi-purpose space 		\$\$\$\$ \$20-40M	●●●●● ES - #3		1 ●



Leilehua Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
9 Building additions and renovations (various schools) <ul style="list-style-type: none"> • Helemano ES: cafeteria addition (planned) and new library, repurpose current library into classrooms • Iliahi ES: renovate existing art room into multi-purpose flexible space and expand admin • Kaala ES: replace portables with new library with flexible space and repurpose current library for admin • Wahiawa ES: new administration and welcome center, repurpose existing admin as flex classrooms • Wheeler ES: construct multi-purpose dining/assembly space to connect library and Building C 	<ul style="list-style-type: none"> • Addresses facility deficiencies and improves equity at elementary schools • Helps satisfy more program needs with less space 		\$\$\$\$\$ \$40-75M	●●●●● ES - #1		1 ●
10 Kaala ES parking and drop-off area <ul style="list-style-type: none"> • Expand parking and reconfigure drop-off area 	<ul style="list-style-type: none"> • Provide needed parking • Improve pedestrian safety and convenience 		\$\$\$\$\$ \$2.5-7.5M	●●●●● ES - #4		1 ●
11 Soloman ES phased reconstruction <ul style="list-style-type: none"> • Follow through with existing plans to replace portables and rebuild school • In construction and fully funded 	<ul style="list-style-type: none"> • Replace outdated facilities at or beyond expected life 		\$\$\$\$\$ \$7.5-20M	●●●●● ES - #2		n/a
12 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> • Safety, code, and repairs, e.g., structural repairs at LHS Building Z, fire alarm, and mold remediation 	<ul style="list-style-type: none"> • Address top priority needs at each school 		\$\$\$\$\$ \$7.5-20M	●●●●● HS/MS/ES - #5/6/5		1 ●
13 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> • Budget allotment for each school to fund stakeholder-driven projects, such as Iliahi ES sound dampening in multi-purpose room for ukulele program 	<ul style="list-style-type: none"> • Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> • Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	●●●●● HS/MS/ES - last		3 ○
14 Leilehua HS campus road repaving <ul style="list-style-type: none"> • Repave driving paths on campus • Repaint parking stall lines 		<ul style="list-style-type: none"> • Requires phased construction 	\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #7		1 ●
15 Leilehua HS install air conditioning <ul style="list-style-type: none"> • Install air conditioning throughout campus 	<ul style="list-style-type: none"> • Alleviates distraction of heat to allow students to focus on learning 		\$\$\$\$\$ \$20-40M	●●●●● HS - #4		3 ○
16 Leilehua HS specialized teachers <ul style="list-style-type: none"> • Hire more teachers trained in their respective subjects 	<ul style="list-style-type: none"> • Provides confidence to students in the lessons they are being taught 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #8		n/a
17 Leilehua HS cafeteria expansion <ul style="list-style-type: none"> • Expand café or construct café kiosks around campus • Incorporated into site master plan 	<ul style="list-style-type: none"> • Provides more time for lunch • Provides more accessibility to food 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #5 tie		3 ○
18 Leilehua HS site drainage <ul style="list-style-type: none"> • Look into site drainage mitigation 	<ul style="list-style-type: none"> • Mitigates flooding on campus during school hours 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #1		1 ●
19 Leilehua HS athletic storage <ul style="list-style-type: none"> • Replace shipping containers with permanent storage for athletic use 	<ul style="list-style-type: none"> • Provides permanent storage space for sports equipment 		\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - last		5 ○



Mililani Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Mililani High (9-12)	2571 / 2722 / 6%	2009	-713	1.35	1973 / 2011 / 34	5%	0.78 / 61
	Mililani Middle (6-8)	1873 / 1718 / -8%	1470	-248	1.17	1999 / 1999 / 19	0%	0.87 / 5
	Kipapa Elementary (K-5)	605 / 590 / -2%	791	201	0.75	1960 / 1976 / 49	61%	0.63 / 167
	Mililani Waena Elementary (K-5)	781 / 769 / -2%	756	-13	1.02	1971 / 1985 / 45	12%	0.66 / 138
	Mililani 'Ike Elementary (K-5)	668 / 606 / -9%	735	129	0.82	2004 / 2004 / 14	0%	0.75 / 80
	Mililani Mauka Elementary (K-5)	828 / 856 / 3%	805	-51	1.06	1993 / 1994 / 24	0%	0.77 / 63
	Mililani Uka Elementary (K-5)	664 / 655 / -1%	624	-31	1.05	1977 / 1997 / 37	6%	0.67 / 131
	TOTAL	7,916	7,190	-726	1.10		12%	0.73

Stakeholder Voice:

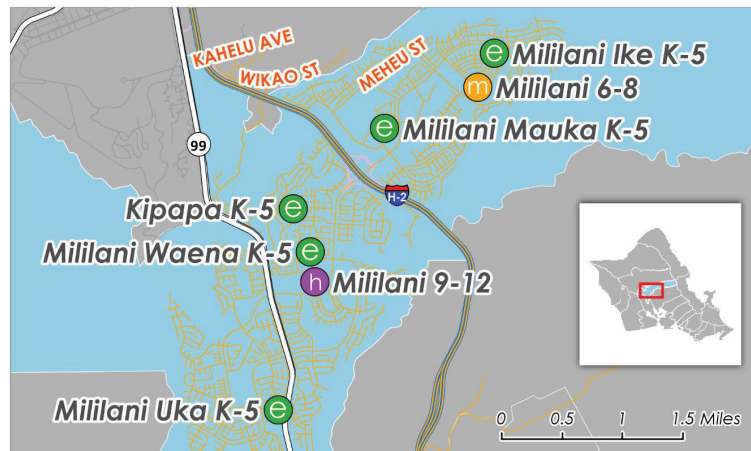


I definitely feel the overcrowding at our school. The teachers have a hard time finding shared rooms to use. - Student

A lot of classrooms are converted to what we need. They use the cafeteria stage for plays but it's not an ideal place to put on a production. Our dressing room is stuffed with tools for production. It is not a good place. We don't have a dedicated performance area so we have to use the Pearl City Cultural Center.

- Student

If you ask any Mililani HS student what their one complaint is, it's AC! Being in a hot classroom makes it harder to learn. - Student



Challenges:



- 9% to +3% enrollment change projected at elementary schools
- Maunaloa ES 21 of 46 (46%) students GE out or attend charter



- Four of seven facilities have space classified as old or beyond useful life
- 22% of capacity in portables at Mililani HS



- High and middle school have less than 50% of required science room space
- No music facilities at three of four elementary schools
- High school has less than 50% of require space for both art and music
- High school has less that 50% of required athletic locker space and athletic lockers/showers are beyond a 60/40 split for gender equity



- Mililani HS has less than 50% of required cafeteria space



Mililani Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Mililani HS master-planned multi-story additions on current site

\$\$\$\$\$ \$20-40M ● Priority 1

- Re-plan campus and implement phased expansion to utilize open fields and replace single-story and/or portables with multi-story buildings to add 750 capacity
- May require relocation of field currently used for agriculture program
- Includes campus masterplan with 21st century updates, STEAM, robotics, etc.
- Swingspace options - lease space at Mililani Tech Park or outfield. Do not construct on agriculture field.

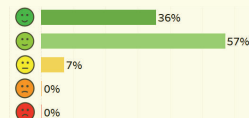
Benefits

- Reduces crowding
- Replaces portables and older facilities
- Requires no additional land
- Less travel time between classes
- No impact on Waena real estate

Challenges

- Long-term disruption during phased construction on occupied site
- Requires temporary swing space classrooms
- Mililani Waena ES site and facilities remain small and functionally inadequate without major additional investment (see Option #)
- Temporary displacement adds stress to students

Stakeholder Voice



★★★★★

1B Mililani HS expansion onto vacated Mililani Waena ES Site; ES additions

\$\$\$\$\$

- Construct classroom additions at Kipapa ES, Ike ES, Mauka ES, and/or Uka ES for 500-700 net additional capacity and adjust attendance boundaries to accommodate displaced Waena ES students
- Refresh projections to confirm sizes:
 - Kipapa ES - replace Building A and portables with 400-student multi-level building(s)
 - Ike ES - replace port w/ 300-student building(s)
 - Mauka ES - replace port w/ 250-student building(s)
 - Uka ES - replace port w/ 300-student building(s)
- Demolish Waena ES buildings and repurpose campus for new high school facilities supporting ### capacity to suit new programs as part of MHS or new magnet program
- Construct pedestrian overpass to Waena site
- Construct min-café on Waena site
- Grandfather Waena students during phase out

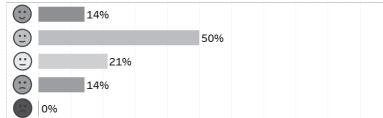
Benefits

- Relieves crowding at Mililani HS and balances ES capacity utilization complex-wide
- Replaces inadequate Waena ES facility with much needed capacity for MHS
- Modern, flexible spaces, including specialized STEAM rooms at elementary schools
- New buildings for each ES will benefit all
- Option to make Waena ES a 9th grade center

Challenges

- School consolidation and attendance boundary adjustment would require stakeholder outreach
- Requires temporary swing space classrooms if HS and ES projects are constructed concurrently
- Large elementary schools – average size increases from 700-enrollment to >850
- Pedestrian safety between HS and Waena site
- Community pushback to convert Waena to HS
- Disruption and displacement of students
- Increased distance b/w HS buildings and Waena

Stakeholder Voice



★★★★★

1C Mililani HS expansion onto vacated Mililani Waena ES site; new ES

\$\$\$\$\$

- Similar to 1B, except Waena ES is replaced on new site instead of additions on ES sites
- Acquire ## acre site, construct new ###-student elementary school, and adjust attendance boundaries to accommodate Waena ES students
- Demolish Waena ES buildings and repurpose campus for new HS facilities supporting ### capacity to suit new programs as part of MHS or new magnet program
- Grandfather Waena students during phase out

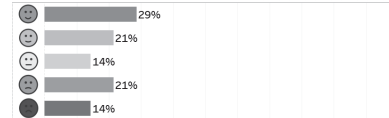
Benefits

- Relieves crowding at Mililani HS and balances ES capacity utilization complex-wide
- Replaces inadequate Waena facility with much needed capacity for MHS
- Doesn't disrupt other elementary schools
- Option to make Waena ES a 9th grade center

Challenges

- Land acquisition time and expense
- Requires temporary swing space classrooms if HS and ES projects are constructed concurrently
- One new elementary school could raise concerns about complex-wide equity
- Availability of land
- Displaces all Mililani Waena ES students

Stakeholder Voice



★★★★★

1D Mililani-area high school magnet program on new site

\$\$\$\$\$

- Similar to 1B, except Waena ES is replaced on new site instead of additions on ES sites
- Acquire ## acre site, construct new ###-student elementary school, and adjust attendance boundaries to accommodate Waena ES students
- Demolish Waena ES buildings and repurpose campus for new HS facilities supporting ### capacity to suit new programs as part of MHS or new magnet program
- Grandfather Waena students during phase out

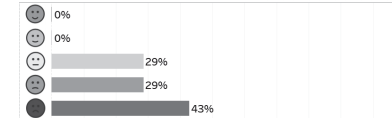
Benefits

- Relieves crowding at Mililani HS
- Expand program offerings
- New modern learning environment

Challenges

- Land acquisition time and expense
- Availability of land
- Potential of overcrowding at MS and HS if families don't choose magnet option
- Potential for enrollment process to be inequitable
- Thematic school will need to change based on community needs

Stakeholder Voice



★★★★★

Recommendation
























- Due to growth and limited land for new development, add capacity through vertical construction while replacing portables that offer limited capacity, limit 21st century instructional opportunities, and are nearly as expensive to build as permanent facilities



Mililani Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 2 Mililani HS phased reconstruction <ul style="list-style-type: none"> Re-plan campus and rebuild of core spaces and/or classroom facilities to utilize open fields and replace single-story and/or portables with multi-story buildings (capacity depends on Scenario 1A-1D) Create specific site-wide master plan to improve building condition and site acreage efficiency 	<ul style="list-style-type: none"> Multi-story buildings improve site efficiency Provides modern, flexible spaces Improved safety and security 	<ul style="list-style-type: none"> Long-term disruption during phased construction on occupied site Temporary swing space classrooms 	\$\$\$\$\$	 HS - #1		N/A
 3 Mililani HS visual and performing arts center (planned) <ul style="list-style-type: none"> Construct new facilities with instructional and performance spaces for the arts 	<ul style="list-style-type: none"> Enhances student opportunities Joint use for all schools and community Provides space to host guest speakers, productions, and community programs 	<ul style="list-style-type: none"> Adequate space on campus to construct a large venue 	\$\$\$\$\$ \$20-405M	 HS - #5		1 ●
 4.1 Mililani MS Special Education enhancements <ul style="list-style-type: none"> Mililani MS – Construct/convert space for medically fragile Special Education program 	<ul style="list-style-type: none"> Provides needed facilities for Community Based Instruction program 		\$\$\$\$\$ \$2.5-7.5M	 MS - #3 tie		2 ●
 4.2 Mililani HS Special Education enhancements <ul style="list-style-type: none"> Mililani HS – Renovate five classrooms into fully-self-contained labs with life skills equipment 	<ul style="list-style-type: none"> Provides needed facilities for Community Based Instruction program 		\$\$\$\$\$ \$2.5-7.5M			5 ○
 5 Mililani HS, Mililani MS professional learning center <ul style="list-style-type: none"> Mililani HS – Convert or construct new professional learning center spaces Mililani MS – Convert or construct new professional learning center spaces 	<ul style="list-style-type: none"> Space for prep/planning, teacher/student collaboration, and prof development Facilitates use of classrooms during teacher conference periods, increasing capacity Provides collaborative space Provides multi-purpose shared community use space during non-school hours 		\$\$\$\$\$ \$2.5-7.5M	 MS - #3 tie		5 ○
 6 Mililani MS classroom additions (net five additional classrooms) <ul style="list-style-type: none"> Follow through with five-classroom addition with small parking lot Consider additional five classrooms to planned 15 to make up capacity shortage 	<ul style="list-style-type: none"> Provides capacity to alleviate overutilization 	<ul style="list-style-type: none"> Large MS of nearly 2,000 students 15 classrooms is still short 5 classrooms for enrollment 	\$\$\$\$\$ \$20-40M	 MS - #1		1 ●
 7 Mililani MS covered multi-purpose amphitheater <ul style="list-style-type: none"> Extend awning structure and perform sitework to create multi-tiered amphitheater space Might be funded by classroom addition project ongoing 	<ul style="list-style-type: none"> Indoor/outdoor dining and multi-purpose space for assembly, performance, and community use 		\$\$\$\$\$ \$2.5-7.5M	 MS - #2		1 ●
 8 Replace portables and outdated buildings (various schools) <ul style="list-style-type: none"> Scale of end-state capacity for each dependent on selected Scenario 1A-1D: <ul style="list-style-type: none"> Kipapa ES – replace Building A and portables with multi-level classrooms and modern, flexible spaces Ike ES – replace existing portables with permanent space Uka ES – replace north portables with three-story classroom building with fire lane along Building C, and replace south portables and Buildings G, H, and J with new kitchen/cafeteria, parking, and covered space 	<ul style="list-style-type: none"> Replaces portables with modern spaces 	<ul style="list-style-type: none"> Ike ES portables and school are relatively new 	\$\$\$\$\$ \$20-40M	 ES - #1		1 ●



Mililani Complex

SCENARIOS and FACILITY OPTIONS





















FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
9 Kipapa ES covered multi-purpose amphitheater <ul style="list-style-type: none"> Construct tiered multi-use dining/amphitheater with covered stage facing existing cafeteria 	<ul style="list-style-type: none"> Replaces portables with modern spaces 		\$\$\$\$\$ \$2.5-7.5M	ES - #6		4
10 Mililani Mauka ES covered play court (planned) <ul style="list-style-type: none"> Follow through with covered play court 	<ul style="list-style-type: none"> Provides multi-use outdoor space during inclement weather 		\$\$\$\$\$ \$2.5-7.5M	ES - #2		1
11 Mililani Waena ES phased reconstruction <ul style="list-style-type: none"> Reconstruct entire school with 750-900 capacity multi-story facility on same site (Cannot be implemented under Scenario 1B or 1C) 	<ul style="list-style-type: none"> Provides more efficient use of small site Replaces outdated, inadequate facility 	<ul style="list-style-type: none"> Long-term disruption and temporary swing space during phased construction 	\$\$\$\$\$ \$40-75M	ES - #3		1
12 Mililani Uka ES improved student drop-off	<ul style="list-style-type: none"> Improves pedestrian safety and traffic flow near Building F 		\$\$\$\$\$ \$2.5-7.5M	ES - #4		3
13 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance repairs 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	HS/MS/ES - #9/5/7		1
14 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	HS/MS/ES #14/6/10		3
15 Mililani HS air conditioning <ul style="list-style-type: none"> Install air conditioning throughout campus 	<ul style="list-style-type: none"> Alleviates distraction of heat to allow students to focus on learning 		\$\$\$\$\$ \$2.5-7.5M	HS - #2		2
16 Green construction for all new construction or renovations <ul style="list-style-type: none"> Consider construction of green buildings where possible Included in specific projects 	<ul style="list-style-type: none"> Lessens carbon footprint 		\$\$\$\$\$ \$20-40M	HS/MS/ES - #6/7/5		N/A
17 New paint at all schools <ul style="list-style-type: none"> Paint existing structures where needed 	<ul style="list-style-type: none"> Helps maintain existing facilities 		\$\$\$\$\$ \$2.5-7.5M	HS/MS/ES - last		4
18 Construct covered play court over multi-use spaces as a part of multi-level use facilities <ul style="list-style-type: none"> Design play courts to be constructed above structures 	<ul style="list-style-type: none"> Efficiently uses school sites with limited acreage 	<ul style="list-style-type: none"> Higher cost for design and implementation 	\$\$\$\$\$ \$2.5-7.5M	HS/MS/ES - #11/9/8		N/A
19 Vertical additions on existing structures <ul style="list-style-type: none"> Consider constructing additions on top of existing buildings if possible 	<ul style="list-style-type: none"> Efficiently uses school sites with limited acreage No other schools or students are displaced Increases capacity Less footprint without demolition 	<ul style="list-style-type: none"> Student displacement during construction Portables would need to be demolished to build new, temporarily decreasing capacity Older buildings may not be able to structurally support vertical additions 	\$\$\$\$\$ \$40-75M	HS/MS/ES - #7/8/9		N/A
20 Mililani HS site drainage <ul style="list-style-type: none"> Look into site drainage mitigation in specific areas of campus 	<ul style="list-style-type: none"> Mitigates flooding on campus during school hours 		\$\$\$\$\$ \$2.5-7.5M	HS - #4		3



Mililani Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 21 Mililani HS electrical upgrades <ul style="list-style-type: none"> Look into site drainage mitigation in specific areas of campus 	<ul style="list-style-type: none"> Mitigates flooding on campus during school hours 		\$\$\$\$\$ \$2.5-7.5M			2 ●
 22 Mililani HS administration expansion and recapture classrooms <ul style="list-style-type: none"> Partially-funded 			\$\$\$\$\$ \$2.5-7.5M			1 ●
  23 Mililani HS covered walkways and security fencing around public			\$\$\$\$\$ \$2.5-7.5M			1 ●
  24 Mililani HS new gym			\$\$\$\$\$ \$2.5-7.5M			4 ○
 25 Mililani HS maintenance facilities			\$\$\$\$\$ \$500k-2.5M			4 ○
 26 Mililani HS girls' lockers			\$\$\$\$\$ \$2.5-7.5M			1 ●
 27 Mililani HS interior and exterior painting			\$\$\$\$\$ \$20-40M			4 ○
 28 Mililani HS softball bleachers			\$\$\$\$\$ \$2.5-7.5M			3 ○



Waialua Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Waialua High & Intermediate (7-12)	673 / 718 / 7%	1019	301	0.70	1938 / 1993 / 48	52%	0.79 / 49
	Haleiwa Elementary (K-6)	224 / 264 / 18%	455	191	0.58	1921 / 2014 / 61	79%	0.63 / 171
	Waialua Elementary (K-6)	568 / 542 / -5%	572	30	0.95	1966 / 2014 / 40	64%	0.61 / 199
	TOTAL	1,524	2,046	522	0.74		65%	0.68

Stakeholder Voice:



*We need to not get caught up with what's trending. We have to look beyond. All I'm hearing right now is CTE, CTE, CTE, but we need to think broader. We need to think of stuff like agriculture and manufacturing. **Not all students are going to be pursuing computer careers.** - Parent*

*Each and every student be provided with an optimal learning environment as well as **have a school and facility that they can be proud of.** - Administrator*



*DOE schools have to accept that some graduates cannot pursue 4-year degrees because college is cost prohibitive. They have to **create curricula where students can aspire to work in less professional but still have very worthy and notable careers in the trade industries.** - Administrator*



Challenges:



- Haleiwa ES 186 out of 384 (48%) students GE out or attend charter



- High flood risk: 100% of site in current flood zone: Haleiwa ES
- Moderate flood risk: 100% and 59% of site in extreme tsunami zone: Waialua HS/IS, and Waialua ES



- More than half of facilities are classified as old or beyond useful life



- Waialua HS/IS and Haleiwa ES have under-utilized capacity



- Science less than 50% of standard space: Waialua HS and IS
- No dedicated science rooms at elementary schools
- Music less than 50% of standard space: Waialua HS & IS
- No dedicated music or art rooms at elementary schools
- PE locker/shower gender equity 38%/62% split: Waialua HS and IS
- Renovate field, new bleachers, resurface courts, girls' lockers



- Cafeteria less than 50% of standard space: Waialua HS and IS, and Waialua ES



Waialua Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS

1A Haleiwa ES minor renovations

\$\$\$\$\$  ● Priority 1

- Maintain operations "as is" at Haleiwa ES
- Perform limited renovations as permitted by flood zones
- R&M covered by Option 9
- Pursue STEAM classroom renovations

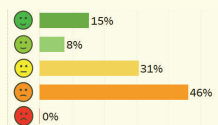
Benefits

- No operational changes to implement

Challenges

- Haleiwa located in flood zone restricting allowable facility improvements
- Students remain in same facilities, many at or beyond expected useful life
- Haleiwa ES is among smallest in the state and operates at 58% of available capacity
- Based on funding weighted student formulas, smaller elementary schools struggle to offer enrichment programs and sometimes need to assign multiple grades to teachers
- 186 out of 384 students (48%) GE out or attend charter, not including those who choose private schools

Stakeholder Voice



1B Haleiwa ES new campus out of flood zone

\$\$\$\$\$

- Acquire new site through direct purchase or land swap, and construct new school sized to accommodate selected operational model and grade configuration
- Repurpose Haleiwa ES campus for community-designed public use, such as after-school sports/recreation, satellite remote learning center, adult education, community clinic

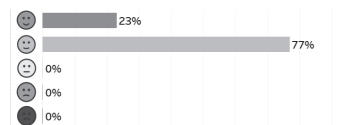
Benefits

- Improves enrollment by attracting local students electing GE, charter, or private school
- Improved safety and asset preservation
- Potential for new community facility and/or revenue generation
- New, modern facility

Challenges

- Land acquisition time/cost
- Change of location will require significant stakeholder outreach

Stakeholder Voice



Recommendation

- The Central EPC did not foresee an immediate risk to Haleiwa ES from flooding (Haleiwa is in flood and tsunami zones) and thus opted against relocating the school in this master plan




Waialua Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	2 Waialua HS and IS site drainage <ul style="list-style-type: none"> Conduct hydrology study and implement flood control project Outcomes could include site work, pump stations, and/or elevation/relocation of facilities Explore non-DOE funding sources to mitigate site drainage Incremental corrections in process 	<ul style="list-style-type: none"> Reduces repeated flooding 		\$\$\$\$ \$20-40M	●●●●○ HS/Int – #3		2
	3 Waialua HS & IS new 21st century classroom building <ul style="list-style-type: none"> Renovate Building L with modern classrooms equipped with 21st century flexible spaces for project-based learning 	<ul style="list-style-type: none"> Replaces outdated facility with modern, flexible education space 		\$\$\$\$ \$20-40M	●●●●● HS/Int – #1		3
	4 Waialua HS and IS music arts facility <ul style="list-style-type: none"> Construct new music room to include community performance space with stage Existing building has structural deficiencies 	<ul style="list-style-type: none"> Provides community space for art performances Allows Option 5 to occur Encourages community involvement Enables more enrollment into band program Provides music/arts facility for entire community 		\$\$\$\$ \$20-40M	●●●●○ HS/Int – #2		1
	5 Waialua HS and IS Special Education enhancements <ul style="list-style-type: none"> Renovate Building K for self-contained Special Education and multi-use flexible space 	<ul style="list-style-type: none"> Provides needed modern, flexible special education space with appropriate equipment for special needs students 		\$\$\$\$ \$2.5-7.5M	●●●●○ HS/Int – #4		4
	6 Waialua ES new multi-purpose cafeteria and administration center <ul style="list-style-type: none"> Demolish portables and replace with new cafeteria with adjacent covered multi-purpose indoor/outdoor dining facility Renovate existing cafeteria for administrative office use, and move administration out of current location in converted classrooms Adjust classroom capacity to balance removed portables 	<ul style="list-style-type: none"> Utilizes unused spaces between buildings Provides additional dining space and multi-use facility Provides new professional admin space Recaptures classroom spaces 		\$\$\$\$ \$20-40M	●●●●● ES – #1 tie		2
	7 Waialua ES flexible maker spaces <ul style="list-style-type: none"> Renovate Building B (old library) into flexible, multi-use space Consider including administration professional learning center if Option 6 not implemented Construct modern, flexible multi-use spaces between Buildings A and B 	<ul style="list-style-type: none"> Provides modern, flexible education space Provides professional space for staff development, retention, and team planning Makes use of current under-utilized space Gets students prepared to transition to the MS Benefits a greater number of students at WES 	<ul style="list-style-type: none"> Moderate flood risk 	\$\$\$\$ \$2.5-7.5M	●●●●○ ES – #3		1
	8 Haleiwa ES STEAM classrooms <ul style="list-style-type: none"> Renovate one or two classrooms as STEAM space for arts and science instruction 	<ul style="list-style-type: none"> Provides flexible shared space 		\$\$\$\$ \$500k-2.5M	●●●●● ES – #1 tie		1
	9 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance repairs 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$ \$7.5-20M	●●●●○ HS-Int/ES – #5/9		1
	10 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ \$500k-2.5M	●●●●○ HS-Int/ES – last		3
	11 Explore partnership with Mililani HS for specialized programs	<ul style="list-style-type: none"> Expands and replicates successful program to other high schools Provides economies of scale with larger enrolled programs 		\$\$\$\$ \$500k-2.5M	●●●●○ HS/Int – #1		n/a



A woman with long dark hair, wearing a green short-sleeved shirt and a necklace, is pointing her right arm towards a large screen displaying a landscape image. The screen is partially obscured by a large green and blue geometric overlay that covers the left and top portions of the image. The background is a plain wall.

APPENDIX J

Honolulu Options Reports

Honolulu District Overview

District-wide Scenarios:							Scenario 1C (Priority 1): Hololulu complimentary CTE programs/facilities (\$\$\$\$) Scenario IM1 (Priority 1): Anuenue K-12 gymnasium and multi-purpose additions (\$\$\$)	Scenario IM2 (Priority 1): Anuenue K-12 feasibility study for west Oahu satellite campus (\$\$\$) Scenario 2B (Priority 1): District-wide administration complex (\$\$\$)
	 Farrington	 Kaimuki	 Kaiser	 Kalani	 McKinley	 Roosevelt		
Priority 1	<ul style="list-style-type: none"> Scenario 3B: Farrington complex ES school reconstruction and consolidation (\$\$\$\$) Option 5: Farrington HS follow through with phase 2 of existing master plan (\$\$\$) Option 6: Dole MS STEAM classroom renovations (\$\$) Option 8: Kalakaua MS replace Buildings G and H (\$\$\$) Option 10: Electrical upgrade (various schools) (\$\$\$) Option 12: Pedestrian safety improvements (various schools) (\$\$) Option 13: Security improvements (various schools) (\$) Option 15.2: Pre-K conversion (various schools) (\$\$) Option 23: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Scenario 3B: Palolo/Jarrett Pre-K-8 (\$\$\$\$) Scenario 4B: Aliiolani reconstruction; elementary school consolidation (\$\$\$\$) Option 5: Kaimuki HS repurpose Buildings B, C and D for STEAM instruction (\$\$) Option 7: Washington MS STEAM classroom renovations (\$\$) Option 8: Washington MS music classroom renovations (\$\$) Option 10: Electrical upgrade (various schools) (\$\$\$) Option 13: Security improvements (various schools) (\$) Option 24: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Option 3: Kaiser HS Visual and Performing Arts Center (\$\$\$) Option 5: Nui Valley MS STEAM classroom addition (\$\$) Option 6: Heat abatement (various schools) (\$\$\$) Option 7: Electrical upgrade (various schools) (\$\$\$) Option 9: Security improvements (various schools) (\$) Option 15: Aina Hiana ES cafeteria addition (\$\$\$) Option 17: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Option 3: Kalani HS 21st century music instruction space (\$\$) Option 5: Kaimuki MS STEAM classroom renovations (\$) Option 7: Electrical upgrade (various schools) (\$\$\$) Option 9: Security improvements (various schools) (\$) Option 17: Prioritized repairs and maintenance (all schools) (\$\$) 	<ul style="list-style-type: none"> Option 3: McKinley HS stadium lighting and seating addition (\$\$) Option 5: Central MS STEAM renovation (\$\$) Option 7: Electrical upgrade (various schools) (\$\$\$) Option 10: Security improvements (various schools) (\$) Option 21: Prioritized repairs and maintenance (all schools) (\$\$) Option 23: McKinley HS roof renovation/replacements to Buildings M and A (\$\$) 	<ul style="list-style-type: none"> Option 3: Roosevelt HS new gymnasium with 4-6 classroom spaces (\$\$\$) Option 6: Renovate music spaces (all middle schools) (\$\$\$) Option 8: Electrical upgrade (various schools) (\$\$\$) Option 10: Security improvements (various schools) (\$) Option 21: Prioritized repairs and maintenance (all schools) (\$\$) 		
Priority 2	<ul style="list-style-type: none"> Option 9: Heat abatement (various schools) (\$\$\$) Option 11: Flood drainage improvements (various schools) (\$) Option 14: Flexible STEAM and/or outdoor learning spaces (all ES) (\$\$\$) Option 19: Covered walkways/shade structure/trees (various schools) (\$) Option 5: Ilima IS replace administration and library with new, joint facility (\$\$\$) Option 13: Campbell HS track, bleachers, PA system, restrooms (\$\$) 	<ul style="list-style-type: none"> Option 9: Heat abatement (various schools) (\$\$\$) Option 11: Flood drainage improvements (various schools) (\$) Option 12: Pedestrian safety improvements (various schools) (\$\$) Option 14: ADA accessibility improvements (various schools) (\$\$) Option 15: Flexible STEAM and/or outdoor learning spaces (all ES and MS) (\$\$\$) Option 20: Covered walkways/shade structure/trees (various schools) (\$) 	<ul style="list-style-type: none"> Option 4: Kaiser HS STEAM classroom addition (\$\$) Option 8: Flood drainage improvements (various schools) (\$) Option 10: ADA accessibility improvements (various schools) (\$\$) Option 11: Flexible STEAM and/or outdoor learning spaces (all ES and MS) (\$\$\$) 	<ul style="list-style-type: none"> Option 6: Heat abatement (various schools) (\$\$\$) Option 8: Flood drainage improvements (various schools) (\$) Option 10: ADA accessibility improvements (various schools) (\$\$) Option 11: Flexible STEAM and/or outdoor learning spaces (all ES and MS) (\$\$\$) 	<ul style="list-style-type: none"> Option 6: Heat abatement (various schools) (\$\$\$) Option 8: Flood drainage improvements (various schools) (\$) Option 9: Pedestrian safety improvements (various schools) (\$\$) Option 11: ADA accessibility improvements (various schools) (\$\$) Option 12: Flexible STEAM and/or outdoor learning spaces (all ES and MS) (\$\$\$) Option 17: Covered walkways/shade structure/trees (various schools) (\$) 	<ul style="list-style-type: none"> Option 7: Heat abatement (various schools) (\$\$\$) Option 9: Flood drainage improvements (various schools) (\$) Option 11: ADA accessibility improvements (various schools) (\$\$) Option 20: Flexible STEAM and/or outdoor learning spaces (all ES and MS) (\$\$\$) 		
Priority 3	<ul style="list-style-type: none"> Option 4: Farrington HS Special Education program enhancements (\$) Option 15.1: Special Education enhancements (various schools) (\$\$) Option 17: Playground improvements (various schools) (\$\$) Option 22: Furniture and technology refresh (all schools) (\$) 	<ul style="list-style-type: none"> Option 6: Kaimuki HS revenue generation (\$) Option 16.1: Special Education and/or Pre-K conversion (various schools) (\$\$) Option 18: Playground improvements (various schools) (\$\$) Option 23: Furniture and technology refresh (all schools) (\$) 	<ul style="list-style-type: none"> Option 12.1: Special Education and/or Pre-K conversion (various schools) (\$\$) Option 13: Playground improvements (various schools) (\$\$) Option 16: Furniture and technology refresh (all schools) (\$) 	<ul style="list-style-type: none"> Option 12.1: Special Education and/or Pre-K conversion (various schools) (\$) Option 16: Furniture and technology refresh (all schools) (\$) 	<ul style="list-style-type: none"> Option 13.1: Special Education and/or Pre-K conversion (various schools) (\$\$) Option 15: Playground improvements (various schools) (\$\$) Option 19: Kaahumanu ES multi-purpose cafeteria expansion (\$\$) Option 20: Furniture and technology refresh (all schools) (\$) 	<ul style="list-style-type: none"> Option 13.1: Special Education and/or Pre-K conversion (various schools) (\$\$) Option 15: Playground improvements (various schools) (\$\$) Option 19: Furniture and technology refresh (all schools) (\$) 		
Priority 4	<ul style="list-style-type: none"> Option 7: Dole MS expand administrative space (\$\$\$) Option 16: Parking lot expansion (various schools) (\$\$\$) Option 18: Covered play court/multi-purpose facility (various schools) (\$\$\$) Option 20: Kalakaua MS and Linapuni ES administration expansion (\$\$) Option 21: Cafeteria expansion (various) (\$\$) 	<ul style="list-style-type: none"> Option 17: Parking lot expansion (various schools) (\$\$) Option 19: Covered play court/multi-purpose facility (various schools) (\$\$\$) Option 21: Lunalilo ES administration expansion (\$\$) Option 22: Kuhio cafeteria expansion (\$\$) Option 25: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 14: Covered play court/multi-purpose facility (various schools) (\$\$\$) Option 18: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 4: Kalani HS classroom addition (\$\$\$) Option 13: Parking lot expansion (various schools) (\$) Option 14: Covered play court/multi-purpose facility (various schools) (\$\$\$) Option 15: Liholiho ES, Waialae ES, and Wilson ES cafeteria expansion (\$\$) Option 18: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 14: Parking lot expansion (various schools) (\$\$) Option 16: Covered play court/multi-purpose facility (various schools) (\$\$\$) Option 18: Administration expansion (various schools) (\$\$) Option 22: Locally-determined enhancements (all schools) (\$) 	<ul style="list-style-type: none"> Option 14: Parking lot expansion (various schools) (\$\$) Option 16: Covered play court/multi-purpose facility (various schools) (\$\$\$) Option 18: Pauoa ES, Maemae ES administration renovation (\$\$) Option 21: Locally-determined 		
Priority 5	<ul style="list-style-type: none"> Option 24: Locally-determined enhancements (all schools) (\$) 				<ul style="list-style-type: none"> Option 4: McKinley HS new multi-purpose cafeteria addition (\$\$) 	<ul style="list-style-type: none"> Option 5: Roosevelt HS outdoor performance & instruction space (\$\$\$) 		



Farrington Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Farrington High (9-12)	2309 / 2192 / -5%	2042	-150	1.07	1939 / 1991 / 59	87%	0.78 / 60
	Dole Middle (6-8)	784 / 624 / -20%	993	369	0.63	1956 / 1960 / 61	100%	0.78 / 57
	Kalākaua Middle (6-8)	1075 / 888 / -17%	1040	152	0.85	1936 / 1977 / 51	51%	0.78 / 53
	Fern Elementary (K-5)	438 / 413 / -6%	467	54	0.88	1951 / 1972 / 51	44%	0.67 / 132
	Ka'ewai Elementary (K-5)	316 / 325 / 3%	338	13	0.96	1956 / 1970 / 60	93%	0.63 / 169
	Kalihi Elementary (K-5)	226 / 231 / 2%	614	383	0.38	1954 / 1954 / 64	100%	0.62 / 180
	Kalihi Kai Elementary (K-5)	551 / 574 / 4%	752	178	0.76	1939 / 1977 / 54	76%	0.68 / 124
	Kalihi Uka Elementary (K-5)	238 / 275 / 16%	351	76	0.78	1957 / 1957 / 61	100%	0.63 / 165
	Kalihi Waena Elementary (K-5)	467 / 545 / 17%	559	14	0.97	1961 / 1973 / 52	89%	0.68 / 123
	Kapalama Elementary (K-5)	566 / 608 / 7%	606	-2	1.00	1954 / 1971 / 54	71%	0.68 / 121
	Pu'uuhale Elementary (K-5)	224 / 212 / -5%	344	132	0.62	1972 / 1973 / 46	4%	0.78 / 58
	Linapuni Elementary (K-1)	180 / 191 / 6%	228	37	0.84	1965 / 1965 / 53	100%	0.51 / 246
	TOTAL	7,078	8,334	1,256	0.85		76%	0.68

Stakeholder Voice:



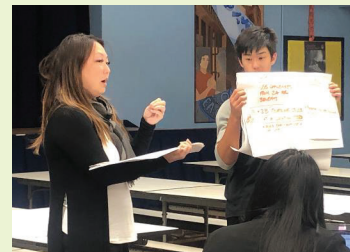
We need to get our kids ready for the 21st century. Because we don't know what the future will be, we have to **prepare our students and facilities to be as resilient and flexible as possible.**
- Teacher

Schools should have **facilities that are operable.** Our bleachers are not working and it's going to take \$750K to get them repaired. - Student

Because we currently **don't have a whole venue to fit everyone in,** we haven't been able to have our assemblies and pep rallies. **That impacts school morale.** - Student

Resources are lacking and we need to do work to make our schools **more ADA-accessible.** - Teacher

I want public schools to **be just as competitive as private schools or better.** We need to step it up.
- Parent



Challenges:



- Dole MS 160 student projected decline (-20%)
- 860 elementary students GE out or attend charter, 42%-76% of schools' attendance boundaries



- Over half of facilities are classified as old or beyond useful life

- 1256 seats under-utilized capacity complex wide. Lowest utilization at Dole MS, Kalihi ES, Kalihi Kai ES, Kalihi Uka ES, and Puuhale ES



- Industrial Arts and family consumer science less than 50% of standard space: Dole MS, Kalakaua MS



- No science rooms at most elementary schools



- Dance/drama less than 50% of standard space: Farrington HS
- Music <50%: Farrington HS, Dole MS
- Art <50%: Kalakaua MS
- No dedicated art or music rooms at most elementary schools



- PE lockers less than 50% of standard space: Kalakaua MS
- Softball field, athletic lockers



- Library less than 50% of standard space: Kalihi Waena ES



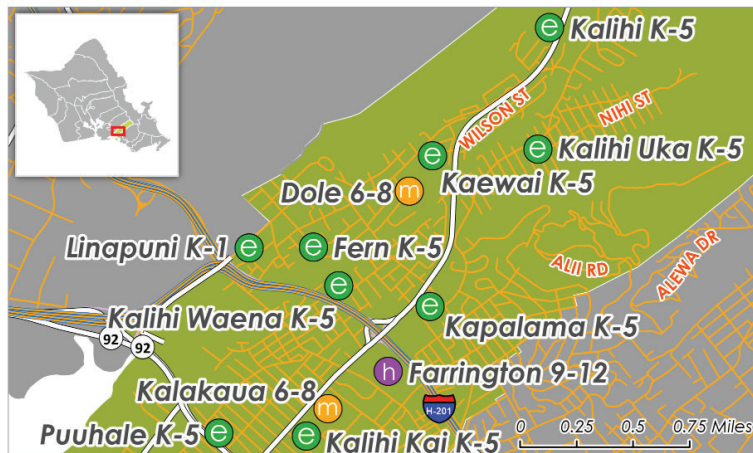
- Cafeteria less than 50% of standard space: Kalihi Kai ES, Kapalama ES



- Admin less than 50% of standard space: Dole MS



- Security
- Support for low income, at-risk students



Farrington Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Scenarios 1A-1B apply to all Honolulu District complexes)

1A Honolulu District separate Career Tech programs at each high school

\$\$\$\$\$ \$40-75M ● Priority 1

- Renovate/enhance Career Technical Education (CTE) facilities at all Honolulu high schools
- Consider complementary programs among all area high schools to allow for more specialized career pathways and focused capital and staff resources
- Step 1: By December 2019, engage District and local MS, HS, and business stakeholders to determine strategic investments in CTE in District
- Step 2: Invest in MS STEAM renovations and HS CTE spaces accordingly

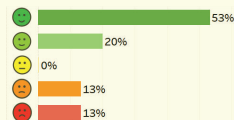
Benefits

- No operational changes to implement
- Immediate implementation
- Each school needs to have a modern CTE basic facility
- Allows capacity to expand in the future
- Students better prepared for 21st century skills and careers
- Explore different curriculums

Challenges

- High cost of CTE facilities
- Difficulty in attracting/retaining qualified staff
- Teach accreditation barriers
- Many students may get a GE just for the available resources in the CTE courses
- Disparity of technology at each school
- Reality that all schools can't be all things

Stakeholder Voice



Recommendation

- Work with area stakeholders to determine strategic investments in area CTE spaces

1B Honolulu District standalone/shared Career Tech campus

\$\$\$\$\$

- Acquire or repurpose land and construct new ### capacity high school campus with highly-specialized facilities and equipment for advanced 21st century CTE center. Consider under-utilized Kaimuki HS campus.
- Facility may house a standalone school, and/or be shared and jointly operated by multiple Honolulu District high schools
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers

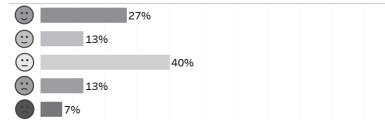
Benefits

- Reduces HS capacity utilization with new off-site capacity
- Expands student career opportunities
- Combines resources to create a highly-resourced, **concentrated** CTE program, both in terms of facilities and staffing
- Opportunity to collaborate with higher education
- Relieves over-utilized schools

Challenges

- Creating partnership between schools (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- Lack of qualified teachers
- Logistical and operational challenges
- Needs vision and leaders to spearhead
- Students potentially miss out on well-rounded HS experience
- Students may not know what CTE specialization to commit to early in HS

Stakeholder Voice



Farrington Complex

SCENARIOS and FACILITY OPTIONS



Scenarios (Scenarios 2A-2B apply to all Honolulu District complexes)

2A Keep current distributed administration scenario

\$\$\$\$\$

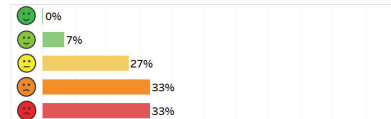
Benefits

- No changes to implement

Challenges

- Maintaining administration distributed throughout Honolulu in multiple schools
- Lack of adequate large group meeting space
- Poor communication
- Cost of travel for meetings (mileage and time)
- Difficult to collaborate and coordinate availability
- Offices are currently spread out
- Accessibility to the public
- Low visibility
- Limited parking at Wilson

Stakeholder Voice



2B District-wide administration complex

\$\$\$\$\$ \$20-40M Priority 3

- Consider re-acquiring Wailupe Valley site or location more centrally-located, such as Kaimuki HS could be another potential location
- Move administrative offices scattered in schools around the District to one location
- Repurpose vacated classrooms for instructional or school-support functions such as STEAM
- Consider combining Scenario 1B CTE Center and Scenario 2B Admin Complex on same site for more efficient use of land and facilities and more public visibility to the CTE program
- Determine site by December 2019
- Change grade configuration



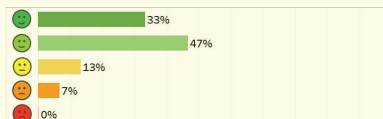
Benefits

- Consolidation of offices and provides one location for District admin and meeting spaces
- Could eliminate need to rent space for large workshops, training, events, etc.
- Allows currently occupied spaces at local schools to return to locally determined use
- Improves communication and collaboration
- Reduces time and cost of travel for meetings
- Increase number of meeting spaces
- Central location for professional development and teacher resources
- Removes and relocates district admin out of local school classrooms allowing principals expanded options for school design

Challenges

- Wailupe may be too far

Stakeholder Voice



Recommendation

- Create a multi-purpose meeting and district-wide administration to centralize admin and free up classrooms in schools



Farrington Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Scenarios 1A-1B and 2A-2B apply to all Honolulu District complexes)

1A Honolulu District separate Career Tech programs at each high school

\$\$\$

- Renovate/enhance Career Technical Education (CTE) facilities at all Honolulu high schools
- Consider complementary programs among all area high schools to allow for more specialized career pathways and focused capital and staff resources

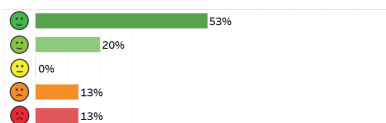
Benefits

- No operational changes to implement
- Immediate implementation
- Each school needs to have a modern CTE basic facility
- Allows capacity to expand in the future
- Students better prepared for 21st century skills and careers
- Explore different curriculums

Challenges

- High cost of CTE facilities
- Difficulty in attracting/retaining qualified staff
- Teach accreditation barriers
- Many students may get a GE just for the available resources in the CTE courses
- Disparity of technology at each school
- Reality that all schools can't be all things

Stakeholder Voice



1B Honolulu District standalone/shared Career Tech campus

\$\$\$\$

- Acquire or repurpose land and construct new ### capacity high school campus with highly-specialized facilities and equipment for advanced 21st century CTE center. Consider under-utilized Kaimuki HS campus.
- Facility may house a standalone school, and/or be shared and jointly operated by multiple Honolulu District high schools
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers

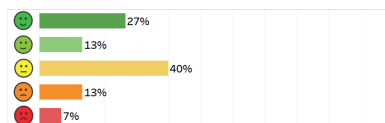
Benefits

- Reduces HS capacity utilization with new off-site capacity
- Expands student career opportunities
- Combines resources to create a highly-resourced, concentrated CTE program, both in terms of facilities and staffing
- Opportunity to collaborate with higher education
- Relieves over-utilized schools

Challenges

- Creating partnership between schools (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- Lack of qualified teachers
- Logistical and operational challenges
- Needs vision and leaders to spearhead
- Students potentially miss out on well-rounded HS experience
- Students may not know what CTE specialization to commit to early in HS

Stakeholder Voice



2A Keep current distributed administration scenario

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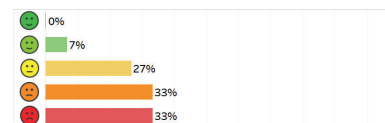
Benefits

- No changes to implement

Challenges

- Maintaining administration distributed throughout Honolulu in multiple schools
- Lack of adequate large group meeting space
- Poor communication
- Cost of travel for meetings (mileage and time)
- Difficult to collaborate and coordinate availability
- Offices are currently spread out
- Accessibility to the public
- Low visibility
- Limited parking at Wilson

Stakeholder Voice



2B District-wide administration complex

\$\$\$\$

- Consider reacquiring Wailupe Valley site or location more centrally-located, such as Kaimuki HS could be another potential location
- Move administrative offices scattered in schools around the District to one location
- Repurpose vacated classrooms for instructional or school-support functions such as STEAM
- Consider combining Scenario 1B CTE Center and Scenario 2B Admin Complex on same site for more efficient use of land and facilities and more public visibility to the CTE program

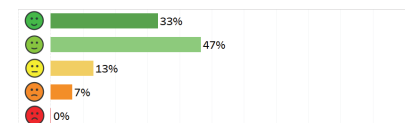
Benefits

- Consolidation of offices and provides one location for District admin and meeting spaces
- Could eliminate need to rent space for large workshops, training, events, etc.
- Allows currently occupied spaces at local schools to return to locally determined use
- Improves communication and collaboration.
- Reduces time and cost of travel for meetings
- Increase number of meeting spaces
- Central location for professional development and teacher resources

Challenges

- Wailupe may be too far

Stakeholder Voice



Farrington Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (elementary school portfolio)

3A Keep current operational scenario

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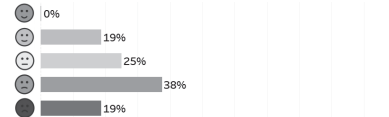
Benefits

- No changes to implement

Challenges

- High rate of GE/charter opt-out, from 42-76%, not including those who choose private schools
- Smaller schools struggle to offer enrichment
- Significant capacity under-utilization
- Facilities are in old, outdated condition
- Transit Oriented Development may produce rapid long-term enrollment growth

Stakeholder Voice



3B Farrington complex ES reconstruction and consolidation

\$\$\$\$\$ \$40-75M ! ● Priority 1

- Coordinate with public housing/mixed use developments and conduct focused stakeholder outreach to inform consolidation of area elementary schools for "newer/fewer" near-term and "larger/stronger" long-term strategy
- Rebuild 1-2 sites to 21st century standards and add capacity to accommodate additional ES students expected in long-term transit-oriented development along light-rail line
- Land bank or repurpose surplus elementary site(s) for community-designed purpose TBD (consider teacher housing, PLC/admin space, revenue generation, other). SAC: Linapuni ES may be good candidate for consolidation due to unique grade configuration (PK-2) adding disruptive transition. By December 2019, study feasibility of consolidating to eight ES's.

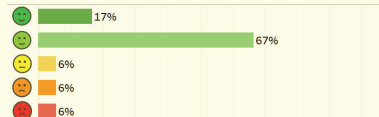
Benefits

- Larger schools can offer more enrichment programs such as language, music, and art
- Move students from old facilities into new/rebuilt buildings equipped for 21st century
- New community asset and potential revenue
- Better utilizes capacity, and one less elementary school that needs maintained to standard
- More resources for program and admin/staff with larger enrollment
- New facility to replace aging facilities

Challenges

- School consolidation
- Transportation for at-risk low-income students
- Community pushback

Stakeholder Voice



Recommendation

- Prepare for Transit Oriented Development by beginning to rebuild old, relatively small elementary schools



Farrington Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	4 Farrington HS Special Education program enhancements <ul style="list-style-type: none"> Renovate existing classrooms for self-contained Special Education rooms Renovate existing classrooms for Special Education resource rooms 	<ul style="list-style-type: none"> Provides appropriate space for Special Education program students There's a community need for Special Education program and facility equity 		\$\$\$\$\$ \$20-40M	●●●●● HS - #6		3 ●
	5 Farrington HS follow through with phase 2 of existing master plan <ul style="list-style-type: none"> Continue implementation of master plan phase 2; renovation of Building A, and upgrade library technology; remove pool, replace locker rooms, and replace gym 	<ul style="list-style-type: none"> Provides all spaces needed at HS for a comprehensive high school educational experience 		\$\$\$\$\$ \$20-40M	●●●●● HS - #2		1 ●
	6 Dole MS STEAM classroom renovations <ul style="list-style-type: none"> Renovate 2-4 classrooms into modern, multi-purpose, flexible STEAM spaces 	<ul style="list-style-type: none"> Modern, flexible educational spaces. 		\$\$\$\$\$ \$2.5-7.5M	●●●●● #10		1 ●
	7 Dole MS expand administrative space <ul style="list-style-type: none"> Expand admin space on site 	<ul style="list-style-type: none"> Provides appropriate space for administrative functions 		\$\$\$\$\$ \$20-40M	●●●●● #15		4 ●
	8 Kalakaua MS replace Buildings G and H <ul style="list-style-type: none"> Replace with core/CTE/art/music/exceptional students education space Historical Building G demo in process 	<ul style="list-style-type: none"> Provides needed and modern space for in-demand programs Supports academies; good for our feeder school 		\$\$\$\$\$ \$20-40M	●●●●● #11		1 ●
	9 Heat abatement (various schools) <ul style="list-style-type: none"> Assess, prioritize, and implement air condition and ventilation projects at all schools. 			\$\$\$\$\$ \$20-40M	●●●●● #5		2 ●
	10 Electrical upgrade (various schools) <ul style="list-style-type: none"> Assess, prioritize, and implement power upgrade projects at all schools 	<ul style="list-style-type: none"> Allows for technology upgrades to occur once electrical upgrades are in place 		\$\$\$\$\$ \$20-40M	●●●●● #3		1 ●
	11 Flood drainage improvements (various schools) <ul style="list-style-type: none"> Dole MS cafeteria, health center Fern ES Buildings B, I, G Kalakaua MS cafeteria, locker rooms Kalihi ES playfields A&B, back doors Kalihi Uka ES regrade, add drainage Kalihi Waena ES central walkway Puuahale ES parking lot 	<ul style="list-style-type: none"> Safety benefits for events and after-school extracurricular activities 		\$\$\$\$\$ \$500k-2.5M	●●●●● #7		2 ●
	12 Pedestrian safety improvements (various schools) <ul style="list-style-type: none"> Kalihi Kai ES reconfigure drop-off (cancelled) Kalihi Uka ES longer drop-off zone Puuahale ES reconfigure parking lot with drop-off zone (funded) 			\$\$\$\$\$ \$2.5-7.5M	●●●●● #2		1 ●
	13 Security improvements (various schools) <ul style="list-style-type: none"> Dole MS security cameras, lighting, fences, alarm system Fern ES motion sensor lighting Kalihi ES fencing Kalihi Kai ES lockdown door hardware Kapalama ES lighting, cameras, demolish custodial cottage Linapuni ES lighting, fencing 	<ul style="list-style-type: none"> Safety benefits for events and after-school extracurricular activities 		\$\$\$\$\$ \$500k-2.5M	●●●●● #2		1 ●



Farrington Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	14 Flexible STEAM and/or outdoor learning spaces (all ES) <ul style="list-style-type: none"> Construct or convert 1-2 classrooms into flexible resource spaces for science and art instruction Construct covered outdoor learning space 	<ul style="list-style-type: none"> Provides new, modern learning environments for science, the arts and project-based learning 		\$\$\$\$\$ \$20-40M	#10		2
	15.1 Special Education enhancements (various schools) <ul style="list-style-type: none"> Dole MS Special Education renovation Puuhale ES Special Education renovation 	<ul style="list-style-type: none"> There's a community need for special education program and facility equity 		\$\$\$\$\$ \$2.5-7.5M	#11		3
	15.2 Pre-K conversion (various schools) <ul style="list-style-type: none"> Kalihi Kai ES Pre-K renovation Kalihi Waena ES replace Pre-K restroom fixtures for older grades 			\$\$\$\$\$ \$2.5-7.5M	#11		3
	16 Parking lot expansion (various schools) <ul style="list-style-type: none"> Dole MS add parking for 30 cars Fern ES add parking for 10 cars Kaewai ES add parking for 6 cars Kalakaua MS add parking for 50 cars Kalihi ES curb-cut to upper field for supplemental parking Kalihi Uka ES add parking for 10 cars and replace playground Kapalama ES repave/regrade existing parking lots Linapuni ES add parking for 6 cars Puuhale ES add parking for 50 cars and restripe existing lot Cellular structured grass solutions suggested 			\$\$\$\$\$ \$20-40M	#13		4
	17 Playground improvements (various schools) <ul style="list-style-type: none"> Kalihi ES, Kalihi Kai ES, Puuhale ES level field, replace playground Kalihi Uka ES replace playground as part of parking expansion Linapuni ES replace playground for PK-2 and repave play courts 			\$\$\$\$\$ \$2.5-7.5M	#3		3
	18 Covered play court/multi-purpose facility (various schools) <ul style="list-style-type: none"> Construct sheltered multi-purpose facility where non-existent and feasible 			\$\$\$\$\$ \$20-40M	#9		4
	19 Covered walkways/shade structure/trees (various schools) <ul style="list-style-type: none"> Dole MS repair Kalihi Kai ES, Kapalama ES, Linapuni ES new Kalihi Uka ES new multi-story Kalihi Waena ES replace existing, add new from public bridge to cafeteria 			\$\$\$\$\$ \$500k-2.5M	#9		2
	20 Kalakaua MS and Linapuni ES administration expansion <ul style="list-style-type: none"> Addition or gut/renovation, add air conditioning, power, and security 	<ul style="list-style-type: none"> Provides new, modern administrative space 		\$\$\$\$\$ \$2.5-7.5M	#15		5
	21 Cafeteria expansion (various) <ul style="list-style-type: none"> Dole MS, Fern ES, Kalihi Kai ES Consider indoor/outdoor design 	<ul style="list-style-type: none"> Cafeterias currently less than half of standard space 		\$\$\$\$\$ \$2.5-7.5M	#14		4



Farrington Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	22 Furniture and technology refresh (all schools) <ul style="list-style-type: none"> Prioritized replacement of outdated furniture and equipment Technology should be equal throughout entire campus 			\$\$\$\$\$ \$500k-2.5M	●●●●● #4		3
	23 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects, e.g., Kalakaua MS restroom renovation Prioritize bathroom repairs 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	●●●●● #1		1
	24 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects E.g.: Fern performing arts improvements in cafeteria, Puuhale ES stage curtain 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	●●●●● #11		4



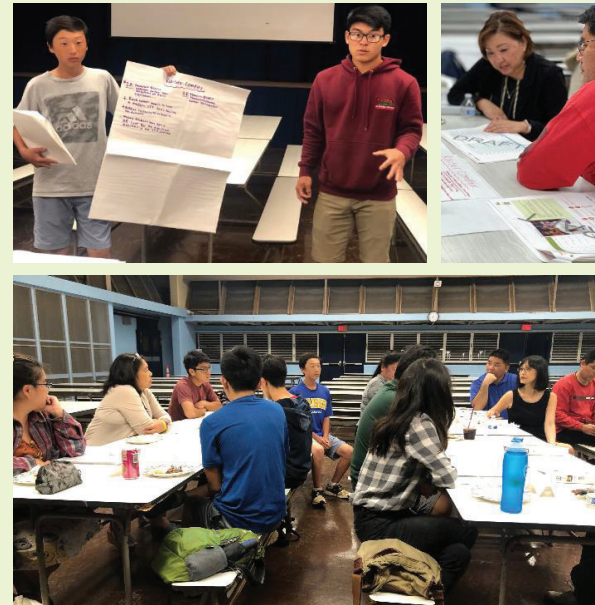
Kaiser Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kaiser High (9-12)	1141 / 1058 / - 7%	1076	18	0.98	1971 / 1996 / 45	0%	0.84 / 18
	Niu Valley Middle (6-8)	868 / 747 / -14%	682	-65	1.10	1956 / 1969 / 59	90%	0.73 / 93
	Aina Haina Elementary (K-5)	469 / 474 / 1%	664	190	0.71	1951 / 1952 / 66	100%	0.57 / 222
	Hahaione Elementary (K-5)	549 / 516 / -6%	448	-68	1.15	1967 / 1972 / 49	56%	0.78 / 51
	Koko Head Elementary (K-5)	300 / 328 / 9%	442	114	0.74	1954 / 1976 / 58	85%	0.75 / 79
	Kamiloiki Elementary (K-5)	384 / 384 / 0%	404	20	0.95	1971 / 1975 / 45	0%	0.72 / 103
	TOTAL	3,507	3,716	209	0.94		55%	0.73

Stakeholder Voice:

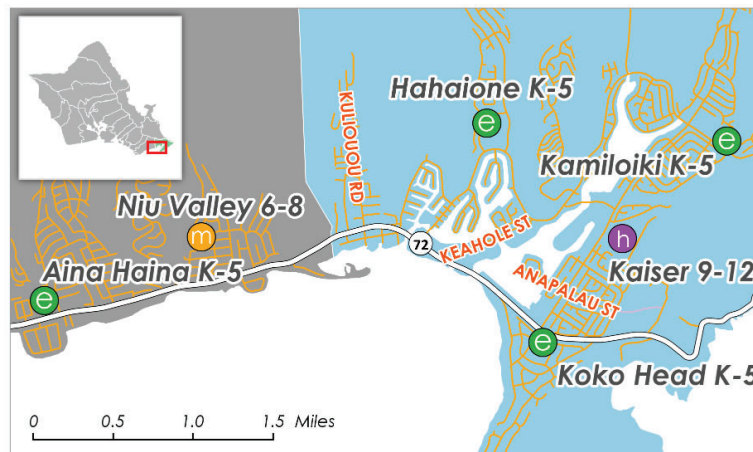


Student safety is a big issue. The **old facilities make students complain**. I would like to have better-looking facilities that support our learning. - Student

School should be a place where everyone respects each other; a place **where we can gather, share, and explore innovative ideas**. - Student

We want each campus to have a **basic foundation for CTE courses**. If we had renovated resources, we could **keep up with innovation and attract more students to stay in public school**. - Teacher

We are so lucky that the Japanese school on our campus paid for the AC at Kaiser and **we found a way to bypass state policy because there's so much red tape**. - Teacher



Challenges:



- Koko Head ES 198 of 418 (47%) students GE out or attend charter



- Moderate flood risk: site in extreme tsunami zone (Niu Valley MS, Aina Haina ES, Hahaione ES, Koko Head ES)



- Over half of facilities are classified as old or beyond useful life



- Niu Valley MS and Hahaione ES have moderate capacity over-utilization
- Aina Haina ES and Koko Head ES have under-utilized capacity



- Industrial Arts and family consumer science less than 50% of standard space: Kaiser HS, Niu Valley MS



- No science rooms at Aina Haina ES



- No dedicated music rooms at most elementary schools



- Kaiser HS PE locker/shower gender equity 13%/87% split
- Resurface courts, girls' lockers



- Library less than 50% of standard space: Niu Valley MS



- Cafeteria less than 50% of standard space: Aina Haina ES




Kaiser Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Scenarios 1A-1B apply to all Honolulu District complexes)

1A Honolulu District separate Career Tech programs at each high school

\$\$\$\$\$ \$40-75M  ● Priority 1

- Renovate/enhance Career Technical Education (CTE) facilities at all Honolulu high schools
- Consider complementary programs among all area high schools to allow for more specialized career pathways and focused capital and staff resources
- Step 1: By December 2019, engage District and local MS, HS, and business stakeholders to determine strategic investments in CTE in District
- Step 2: Invest in MS STEAM renovations and HS CTE spaces accordingly

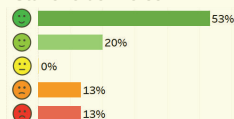
Benefits

- No operational changes to implement
- Immediate implementation
- Each school needs to have a modern CTE basic facility
- Allows capacity to expand in the future
- Students better prepared for 21st century skills and careers
- Explore different curriculums

Challenges

- High cost of CTE facilities
- Difficulty in attracting/retaining qualified staff
- Teach accreditation barriers
- Many students may get a GE just for the available resources in the CTE courses
- Disparity of technology at each school
- Reality that all schools can't be all things

Stakeholder Voice



Recommendation

- Work with area stakeholders to determine strategic investments in area CTE spaces

1B Honolulu District standalone/shared Career Tech campus

\$\$\$\$\$

- Acquire or repurpose land and construct new ### capacity high school campus with highly-specialized facilities and equipment for advanced 21st century CTE center. Consider under-utilized Kaimuki HS campus.
- Facility may house a standalone school, and/or be shared and jointly operated by multiple Honolulu District high schools
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers

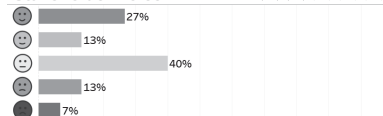
Benefits

- Reduces HS capacity utilization with new off-site capacity
- Expands student career opportunities
- Combines resources to create a highly-resourced, **concentrated** CTE program, both in terms of facilities and staffing
- Opportunity to collaborate with higher education
- Relieves over-utilized schools

Challenges

- Creating partnership between schools (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- Lack of qualified teachers
- Logistical and operational challenges
- Needs vision and leaders to spearhead
- Students potentially miss out on well-rounded HS experience
- Students may not know what CTE specialization to commit to early in HS

Stakeholder Voice



Kaiser Complex

SCENARIOS and FACILITY OPTIONS



Scenarios (Scenarios 2A-2B apply to all Honolulu District complexes)

2A Keep current distributed administration scenario

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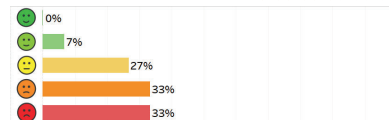
Benefits

- No changes to implement


Challenges

- Maintaining administration distributed throughout Honolulu in multiple schools
- Lack of adequate large group meeting space
- Poor communication
- Cost of travel for meetings (mileage and time)
- Difficult to collaborate and coordinate availability
- Offices are currently spread out
- Accessibility to the public
- Low visibility
- Limited parking at Wilson

Stakeholder Voice



2B District-wide administration complex

\$\$\$\$\$ \$20-40M  Priority 3

- Consider re-acquiring Wailupe Valley site or location more centrally-located, such as Kaimuki HS could be another potential location
- Move administrative offices scattered in schools around the District to one location
- Repurpose vacated classrooms for instructional or school-support functions such as STEAM
- Consider combining Scenario 1B CTE Center and Scenario 2B Admin Complex on same site for more efficient use of land and facilities and more public visibility to the CTE program
- Determine site by December 2019
- Change grade configuration



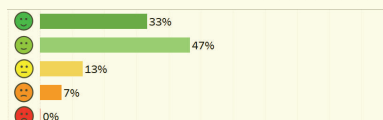
Benefits

- Consolidation of offices and provides one location for District admin and meeting spaces
- Could eliminate need to rent space for large workshops, training, events, etc.
- Allows currently occupied spaces at local schools to return to locally determined use
- Improves communication and collaboration
- Reduces time and cost of travel for meetings
- Increase number of meeting spaces
- Central location for professional development and teacher resources
- Removes and relocates district admin out of local school classrooms allowing principals expanded options for school design

Challenges

- Wailupe may be too far

Stakeholder Voice



Recommendation

- Create a multi-purpose meeting and district-wide administration to centralize admin and free up classrooms in schools



Kaiser Complex

SCENARIOS and FACILITY OPTIONS















FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	3 Kaiser HS Visual and Performing Arts Center • Build an auditorium with spaces for 2D/3D music and art instruction	<ul style="list-style-type: none"> New visual and performing arts space Space is available Will serve all schools in the complex and Kalani complex 	<ul style="list-style-type: none"> Expensive costs and operational expenses 	\$\$\$\$\$ \$20-40M	●●●●● HS - #2		1 ●
	4 Kaiser HS STEAM classroom addition • Construct 4-6 classroom addition for STEAM instruction	<ul style="list-style-type: none"> Provides new, modern learning environments for science, the arts, and project-based learning Improves art programs 	<ul style="list-style-type: none"> School may not have a need to build classroom Need to upgrade current space 	\$\$\$\$\$ \$2.5-7.5M	●●●●● HS - #10		2 ●
	5 Nui Valley MS STEAM classroom addition • Construct 4-6 classroom addition for STEAM instruction	<ul style="list-style-type: none"> Provides new, modern learning environments for science, the arts, and project-based learning 	<ul style="list-style-type: none"> Need to upgrade facilities (3-4 classroom addition) 	\$\$\$\$\$ \$2.5-7.5M	●●●●● #10		1 ●
	6 Heat abatement (various schools) • Assess, prioritize, and implement air condition and ventilation projects at all schools	<ul style="list-style-type: none"> Creates a positive learning environment Helps take care and maintain the technology equipment 		\$\$\$\$\$ \$20-40M	●●●●● #5		1 ●
	7 Electrical upgrade (various schools) • Assess, prioritize, and implement power upgrade projects at all schools	<ul style="list-style-type: none"> Needs to keep up with technology and accommodate air conditioning needs 		\$\$\$\$\$ \$20-40M	●●●●● #3		1 ●
	8 Flood drainage improvements (various schools) • Hahaione ES Buildings G	<ul style="list-style-type: none"> Needed to keep facilities open Improves community aesthetics 		\$\$\$\$\$ \$500k-2.5M	●●●●● #7		2 ●
	9 Security improvements (various schools) • Hahaione ES, Kamiloiki ES fencing	<ul style="list-style-type: none"> Needed to keep campus safe 		\$\$\$\$\$ \$500k-2.5M	●●●●● #2		1 ●
	10 ADA accessibility improvements (various schools) • Kamiloiki ES two elevators	<ul style="list-style-type: none"> All students have access to elevators 	<ul style="list-style-type: none"> Schools will have to find innovative ways to accommodate 	\$\$\$\$\$ \$2.5-7.5M	●●●●● #6		2 ●
	11 Flexible STEAM and/or outdoor learning spaces (all ES and MS) • Construct or convert 1-2 classrooms into flexible resource spaces for science and art instruction • Construct covered outdoor learning space	<ul style="list-style-type: none"> Provides new, modern learning environments for science, the arts, and project-based learning Benefits all schools 		\$\$\$\$\$ \$20-40M	●●●●● #10		2 ●
	12.1 Special Education and/or Pre-K conversion (various schools) • Hahaione ES Special Education renovation • Kamiloiki Special Education and Pre-k renovation	<ul style="list-style-type: none"> Renovate to meet the needs of students 		\$\$\$\$\$ \$2.5-7.5M	●●●●● #11		3 ●
	13 Playground improvements (various schools) • Hahaione ES, Kamiloiki ES replace playground	<ul style="list-style-type: none"> Needed to meet playground standards 		\$\$\$\$\$ \$2.5-7.5M	●●●●● #8		3 ●
	14 Covered play court/multi-purpose facility (various schools) • Construct sheltered multi-purpose facility where non-existent and feasible	<ul style="list-style-type: none"> Serves multi-purpose needs 		\$\$\$\$\$ \$20-40M	●●●●● #9		4 ●



Kaiser Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	15 Aina Haina ES cafeteria addition <ul style="list-style-type: none"> Construct building additions in unused courtyard spaces to house flexible, collaborative project-based spaces in close proximity of existing classrooms. Renovate existing buildings to provide glass walls for visibility and sound barriers. Enhanced distance learning technologies and spaces 	<ul style="list-style-type: none"> Expands cafeteria at Aina Haina ES, which is currently less than 50% standard size 		\$\$\$\$\$ \$20-40M	 #14		1 ●
	16 Furniture and technology refresh (all schools) <ul style="list-style-type: none"> Prioritized replacement of outdated furniture and equipment 	<ul style="list-style-type: none"> Modernized furniture and technology will promote innovative learning 		\$\$\$\$\$ \$500k-2.5M	 #4		3 ●
	17 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school. 		\$\$\$\$\$ \$7.5-20M	 #1		1 ●
	18 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 #11		4 ●



Kalani Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kalani High (9-12)	1383 / 1350 / - 2%	1015	-335	1.33	1958 / 2004 / 57	90%	0.77 / 67
	Kaimuki Middle (6-8)	988 / 1017 / 3%	1188	171	0.86	1956 / 1972 / 56	74%	0.82 / 30
	Kahala Elementary (K-5)	380 / 456 / 20%	471	15	0.97	1954 / 1975 / 59	84%	0.72 / 98
	Liholiho Elementary (K-5)	466 / 513 / 10%	373	-140	1.38	1940 / 1973 / 53	43%	0.63 / 166
	Wai'alea Elementary PCS (K-5)	546 / 546 / 0%	510	-36	1.07	1958 / 1965 / 55	100%	0.68 / 120
	Waikiki Elementary (K-5)	587 / 565 / -4%	493	-72	1.15	1964 / 1967 / 53	100%	0.60 / 204
	Wilson Elementary (K-5)	580 / 561 / -3%	498	-63	1.13	1960 / 1970 / 52	64%	0.68 / 125
	TOTAL	5,008	4,548	-460	1.10		79%	0.70

Stakeholder Voice:



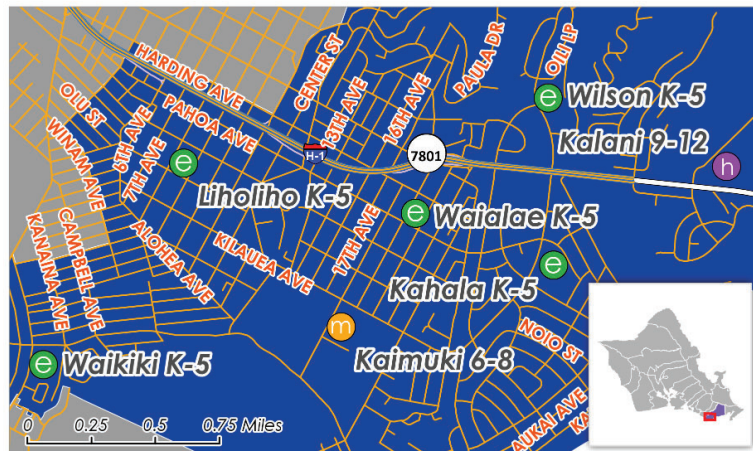
Technology-wise we want our kids to compete with everyone in the world. We want them to be in the 21st century and not compete to get there when everyone else is already there. - Parent

Students should be comfortable in their classroom and be given good opportunities to learn. We just need adequate facilities, they don't need to be fancy. - Student

We don't have a lot of hope and we don't know what to do. It's very frustrating, not knowing where the money is going. - Parent

Besides education and technology, we need to look at outdoor play and enrichment activities to complement student experience. - Community

Schools should be safe and innovative; places where students have the motivation that spurs them to move on through the grade levels. - Parent



Challenges:



- Net GEs cause school to exceed capacity: Wilson ES (283), Waikiki ES (199)



- Moderate flood risk: site in extreme tsunami zone (Kahala ES, Waikiki ES)



- Over half of facilities are classified as old or beyond useful life



- Extreme capacity over-utilization at Kalani HS and Liholiho ES.



- Industrial Arts and family consumer science less than 50% of standard space: Kalani HS, Kaimuki MS



- Dance/drama less than 50% of standard space: Kalani HS
- Art less than 50%: Kaimuki MS
- No dedicated music room at Waikiki ES



- Kalani HS PE locker/shower gender equity 31%/69% split
- Renovate field, renovate track, resurface courts



- Library less than 50% of standard space: Waikiki ES, Wilson ES



- Cafeteria less than 50% of standard space: Wilson ES, Liholiho ES, Wai'alea ES



- Admin less than 50% of standard space: Kahala ES, Waikiki ES



Kalani Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Scenarios 1A-1B apply to all Honolulu District complexes)

1A Honolulu District separate Career Tech programs at each high school

\$\$\$\$\$ \$40-75M ● Priority 1

- Renovate/enhance Career Technical Education (CTE) facilities at all Honolulu high schools
- Consider complementary programs among all area high schools to allow for more specialized career pathways and focused capital and staff resources
- Step 1: By December 2019, engage District and local MS, HS, and business stakeholders to determine strategic investments in CTE in District
- Step 2: Invest in MS STEAM renovations and HS CTE spaces accordingly

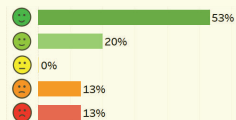
Benefits

- No operational changes to implement
- Immediate implementation
- Each school needs to have a modern CTE basic facility
- Allows capacity to expand in the future
- Students better prepared for 21st century skills and careers
- Explore different curriculums

Challenges

- High cost of CTE facilities
- Difficulty in attracting/retaining qualified staff
- Teach accreditation barriers
- Many students may get a GE just for the available resources in the CTE courses
- Disparity of technology at each school
- Reality that all schools can't be all things

Stakeholder Voice



Recommendation

- Work with area stakeholders to determine strategic investments in area CTE spaces

1B Honolulu District standalone/shared Career Tech campus

\$\$\$\$\$

- Acquire or repurpose land and construct new ### capacity high school campus with highly-specialized facilities and equipment for advanced 21st century CTE center. Consider under-utilized Kaimuki HS campus.
- Facility may house a standalone school, and/or be shared and jointly operated by multiple Honolulu District high schools
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers

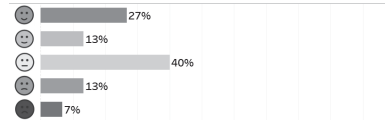
Benefits

- Reduces HS capacity utilization with new off-site capacity
- Expands student career opportunities
- Combines resources to create a highly-resourced, **concentrated** CTE program, both in terms of facilities and staffing
- Opportunity to collaborate with higher education
- Relieves over-utilized schools

Challenges

- Creating partnership between schools (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- Lack of qualified teachers
- Logistical and operational challenges
- Needs vision and leaders to spearhead
- Students potentially miss out on well-rounded HS experience
- Students may not know what CTE specialization to commit to early in HS

Stakeholder Voice



Kalani Complex

SCENARIOS and FACILITY OPTIONS



Scenarios (Scenarios 2A-2B apply to all Honolulu District complexes)

2A Keep current distributed administration scenario

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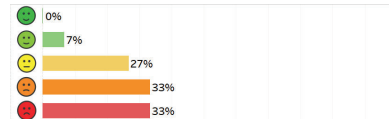
Benefits

- No changes to implement

Challenges

- Maintaining administration distributed throughout Honolulu in multiple schools
- Lack of adequate large group meeting space
- Poor communication
- Cost of travel for meetings (mileage and time)
- Difficult to collaborate and coordinate availability
- Offices are currently spread out
- Accessibility to the public
- Low visibility
- Limited parking at Wilson

Stakeholder Voice



2B District-wide administration complex

\$\$\$\$\$ \$20-40M Priority 3

- Consider re-acquiring Wailupe Valley site or location more centrally-located, such as Kaimuki HS could be another potential location
- Move administrative offices scattered in schools around the District to one location
- Repurpose vacated classrooms for instructional or school-support functions such as STEAM
- Consider combining Scenario 1B CTE Center and Scenario 2B Admin Complex on same site for more efficient use of land and facilities and more public visibility to the CTE program
- Determine site by December 2019
- Change grade configuration



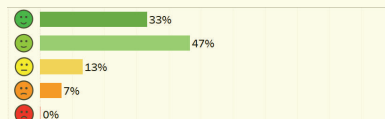
Benefits

- Consolidation of offices and provides one location for District admin and meeting spaces
- Could eliminate need to rent space for large workshops, training, events, etc.
- Allows currently occupied spaces at local schools to return to locally determined use
- Improves communication and collaboration
- Reduces time and cost of travel for meetings
- Increase number of meeting spaces
- Central location for professional development and teacher resources
- Removes and relocates district admin out of local school classrooms allowing principals expanded options for school design

Challenges

- Wailupe may be too far

Stakeholder Voice



Recommendation

- Create a multi-purpose meeting and district-wide administration to centralize admin and free up classrooms in schools



Kalani Complex

SCENARIOS and FACILITY OPTIONS























FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	3 Kalani HS 21st century music instruction space • Build a music instruction facility on Kalani HS campus	• Creates a modern music learning environment	• Extends construction on occupied site • Limited space to build	\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● HS - #8		1 ●
	4 Kalani HS classroom addition • 12+ classroom, multi-story addition to relieve over-crowding • Include STEAM and Special Education classrooms	• Creates new, modern learning environments • Relieves over-crowding	• Capacity growth avoidable by limiting incoming GEs	\$\$\$\$\$ \$20-40M	● ● ● ● ● HS - #9		4 🕒
	5 Kaimuki MS STEAM classroom renovations • Renovate existing classrooms (2-4) for STEAM	• Creates new, modern learning environments		\$\$\$\$\$ \$500k-2.5M	● ● ● ● ● #10		1 ●
	6 Heat abatement (various schools) • Assess, prioritize, and implement air condition and ventilation projects at various schools	• Cool environment will improve student focus	• Cost • Electrical capacity of older schools	\$\$\$\$\$ \$20-40M	● ● ● ● ● #5		2 🕒
	7 Electrical upgrade (various schools) • Assess, prioritize, and implement power upgrade projects at various schools	• Less chance of electrical fires • Less chance of flickering lights and outages	• Long time to complete	\$\$\$\$\$ \$20-40M	● ● ● ● ● #3		1 ●
	8 Flood drainage improvements (various schools) • Kahala ES Buildings D and E • Liholiho ES cafeteria	• No potential school closings • Less water and sewer damage • Less potential of mold growth • Fewer accidents of slipping, falling, and jumping over puddles	• Disruption to learning if job is done during school hours • Disruption to school space for drainage improvements	\$\$\$\$\$ \$500k-2.5M	● ● ● ● ● #7		2 🕒
	9 Security improvements (various schools) • Liholiho ES fencing off of 9th Avenue		• Students may feel like they are in jail if they are surrounded by fencing	\$\$\$\$\$ \$500k-2.5M	● ● ● ● ● #2		1 ●
	10 ADA accessibility improvements (various schools) • Kahala ADA restrooms • Liholiho elevator, restrooms			\$\$\$\$\$ \$2.5-7.5M	● ● ● ● ● #6		2 🕒
	11 Flexible STEAM and/or outdoor learning spaces (all ES and MS) • Construct or convert 1-2 classrooms into teacher-driven flexible resource spaces for science and art instruction • Construct covered outdoor learning space	• Provides new, modern learning environments for science, the arts and project-based learning • Allows for flexible time to use space to complete design projects		\$\$\$\$\$ \$20-40M	● ● ● ● ● #10		2 🕒
	12.1 Special Education and/or Pre-K conversion (various schools) • Kahala ES Special Education renovation • Liholiho ES hot water for Special Education			\$\$\$\$\$ \$500k-2.5M	● ● ● ● ● #11		3 🕒
	13 Parking lot expansion (various schools) • Liholiho ES add parking for six cars • Cellular structured grass solutions suggested as alternative solution			\$\$\$\$\$ \$500k-2.5M	● ● ● ● ● #13		4 🕒



Kalani Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	14 Covered play court/multi-purpose facility (various schools) <ul style="list-style-type: none"> Construct sheltered multi-purpose facility where non-existent and feasible 			\$\$\$\$\$ \$20-40M	 #9		4 
	15 Lihoho ES, Waialae ES, and Wilson ES cafeteria expansion <ul style="list-style-type: none"> Build additions to the existing cafeteria Consider indoor/outdoor design 	<ul style="list-style-type: none"> Current cafeterias are less than 50% of standard size 		\$\$\$\$\$ \$2.5-7.5M	 #14		4 
	16 Furniture and technology refresh (all schools) <ul style="list-style-type: none"> Prioritized replacement of outdated furniture and equipment 			\$\$\$\$\$ \$500k-2.5M	 #4		3 
	17 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$ \$7.5-20M	 #1		1 
	18 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 #11		4 



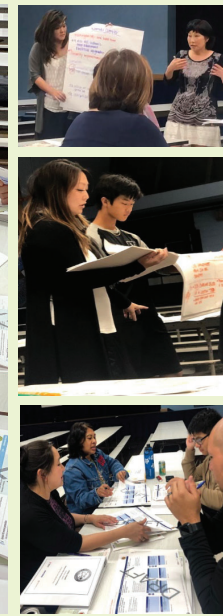
Kaimuki Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Kaimuki High (9-12)	703 / 693 /-1%	863	170	0.80	1949 / 1982 / 61	86%	0.83 / 21
	Jarrett Middle (6-8)	256 / 214 /-16%	522	308	0.41	1956 / 1960 / 61	100%	0.81 / 32
	Washington Middle (6-8)	801 / 638 /-20%	1021	383	0.62	1926 / 1990 / 66	100%	0.75 / 81
	Ala Wai Elementary (K-5)	384 / 383 /0%	463	80	0.83	1954 / 1970 / 58	84%	0.66 / 142
	Ali'iolani Elementary (K-5)	219 / 212 /-3%	368	156	0.58	1951 / 1970 / 55	88%	0.65 / 154
	Hokulani Elementary (K-5)	340 / 320 /-6%	396	76	0.81	1958 / 1971 / 57	96%	0.66 / 144
	Jefferson Elementary (K-5)	380 / 349 /-8%	386	37	0.90	1951 / 2010 / 48	18%	0.81 / 33
	Kuhio Elementary (K-5)	237 / 232 /-2%	249	17	0.93	1950 / 2012 / 49	45%	0.76 / 76
	Lunalilo Elementary (K-5)	358 / 308 /-14%	488	180	0.63	1951 / 1971 / 54	83%	0.67 / 133
	Palolo Elementary (K-5)	277 / 299 /8%	280	-19	1.07	1951 / 1970 / 55	81%	0.75 / 84
	TOTAL	3,648	5,036	1,388	0.72		78%	0.73

Stakeholder Voice:



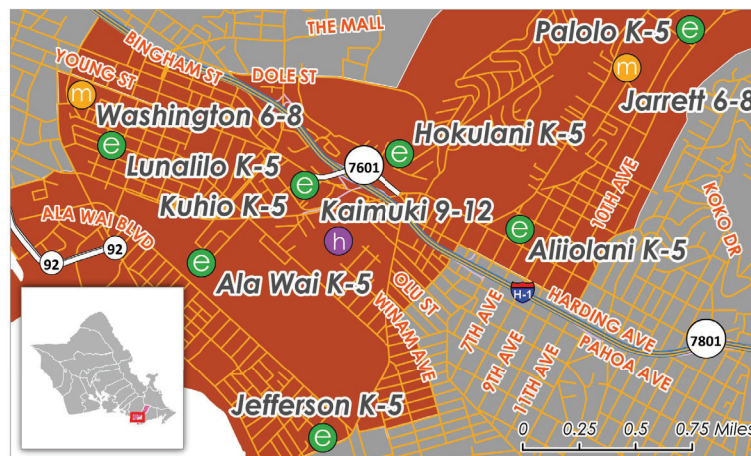
Our PTA funded our classrooms' AC and installed it themselves because *going through the DOE is expensive and too difficult. It's easier to find loopholes in the system.* - Student

We need to help our students *become innovative and critical-thinking problem-solvers.* We should promote philosophies we want our kids to grow up with. - Teacher

Not all students will fit in the common core. I want our schools to have *opportunities to learn outside of book learning.* - Teacher

Safety is a big issue. Our facilities are running down. We want our *schools to be adequate, comfortable, and where their needs are met.* - Teacher

I want flex spaces where we can *transform the space into a cafeteria for various learning activities.* - Teacher



Challenges:



- 1760 students GE out or attend charter, representing 42%-57% of school attendance boundaries



- Future flood risk: 54% of site under 3.2' sea rise (Ala Wai ES)
- Moderate flood risk: site in extreme tsunami zone (Washington MS, Lunalilo ES, Jefferson ES)



- Over half of facilities are classified as old or beyond useful life



- 1,388 seats under-utilized capacity complex-wide. Lowest utilization at Jarrett MS, Washington MS, Ali'iolani ES, Lunalilo ES



- Industrial Arts less than 50% of standard space: Washington MS



- No science rooms at Ala Wai ES, Ali'iolani ES, Lunalilo ES



- Music and art less than 50% of standard space: Jarrett MS
- No dedicated art or music rooms at most elementary schools



- Kaimuki HS PE locker/shower gender equity
- PE lockers less than 50% of standard space: Washington MS
- Resurface courts, weight room, pool



- Library less than 50% of standard space: Washington MS



- Cafeteria less than 50% of standard space: Kuhio ES




Kaimuki Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Scenarios 1A-1B apply to all Honolulu District complexes)

1A Honolulu District separate Career Tech programs at each high school

\$\$\$\$\$ \$40-75M  ● Priority 1

- Renovate/enhance Career Technical Education (CTE) facilities at all Honolulu high schools
- Consider complementary programs among all area high schools to allow for more specialized career pathways and focused capital and staff resources
- Step 1: By December 2019, engage District and local MS, HS, and business stakeholders to determine strategic investments in CTE in District
- Step 2: Invest in MS STEAM renovations and HS CTE spaces accordingly

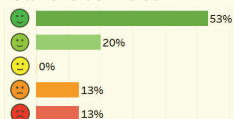
Benefits

- No operational changes to implement
- Immediate implementation
- Each school needs to have a modern CTE basic facility
- Allows capacity to expand in the future
- Students better prepared for 21st century skills and careers
- Explore different curriculums

Challenges

- High cost of CTE facilities
- Difficulty in attracting/retaining qualified staff
- Teach accreditation barriers
- Many students may get a GE just for the available resources in the CTE courses
- Disparity of technology at each school
- Reality that all schools can't be all things

Stakeholder Voice



1B Honolulu District standalone/shared Career Tech campus

\$\$\$\$\$

- Acquire or repurpose land and construct new ### capacity high school campus with highly-specialized facilities and equipment for advanced 21st century CTE center. Consider under-utilized Kaimuki HS campus.
- Facility may house a standalone school, and/or be shared and jointly operated by multiple Honolulu District high schools
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers

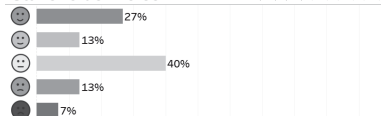
Benefits

- Reduces HS capacity utilization with new off-site capacity
- Expands student career opportunities
- Combines resources to create a highly-resourced, **concentrated** CTE program, both in terms of facilities and staffing
- Opportunity to collaborate with higher education
- Relieves over-utilized schools

Challenges

- Creating partnership between schools (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- Lack of qualified teachers
- Logistical and operational challenges
- Needs vision and leaders to spearhead
- Students potentially miss out on well-rounded HS experience
- Students may not know what CTE specialization to commit to early in HS

Stakeholder Voice



Recommendation

- Work with area stakeholders to determine strategic investments in area CTE spaces



Kaimuki Complex

SCENARIOS and FACILITY OPTIONS



Scenarios (Scenarios 2A-2B apply to all Honolulu District complexes)

2A Keep current distributed administration scenario

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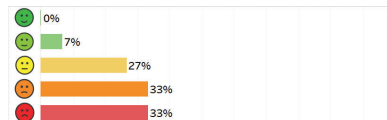
Benefits

- No changes to implement


Challenges

- Maintaining administration distributed throughout Honolulu in multiple schools
- Lack of adequate large group meeting space
- Poor communication
- Cost of travel for meetings (mileage and time)
- Difficult to collaborate and coordinate availability
- Offices are currently spread out
- Accessibility to the public
- Low visibility
- Limited parking at Wilson

Stakeholder Voice



2B District-wide administration complex

\$\$\$\$\$ \$20-40M  Priority 3

- Consider re-acquiring Wailupe Valley site or location more centrally-located, such as Kaimuki HS could be another potential location
- Move administrative offices scattered in schools around the District to one location
- Repurpose vacated classrooms for instructional or school-support functions such as STEAM
- Consider combining Scenario 1B CTE Center and Scenario 2B Admin Complex on same site for more efficient use of land and facilities and more public visibility to the CTE program
- Determine site by December 2019
- Change grade configuration



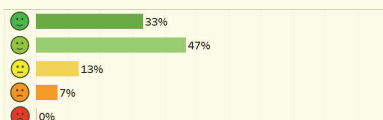
Benefits

- Consolidation of offices and provides one location for District admin and meeting spaces
- Could eliminate need to rent space for large workshops, training, events, etc.
- Allows currently occupied spaces at local schools to return to locally determined use
- Improves communication and collaboration
- Reduces time and cost of travel for meetings
- Increase number of meeting spaces
- Central location for professional development and teacher resources
- Removes and relocates district admin out of local school classrooms allowing principals expanded options for school design

Challenges

- Wailupe may be too far

Stakeholder Voice



Recommendation

- Create a multi-purpose meeting and district-wide administration to centralize admin and free up classrooms in schools



Kaimuki Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Kaimuki grade configurations)

3A Keep current operational scenario

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Benefits

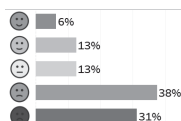
- No changes to implement

Challenges

- High rate of GE/charter opt-out, from 42-57%, not including those who choose private schools
- Kaimuki complex elementary schools are among smallest on Oahu, and based on funding weighted student formulas, smaller schools struggle to offer enrichment programs
- Significant capacity under-utilization
- Facilities are in old, outdated condition

Stakeholder Voice

★★★★★



3B Palolo/Jarrett Pre-K-8

\$\$\$\$\$ \$40-75M ● Priority 1

- Renovate/reconstruct Jarrett MS with 21st century facility to accommodate new combined Pre-K-8 program of 800 students from Palolo ES/Jarrett MS
- Repurpose Palolo ES site for **admin purposes** or community-designed purpose TBD (consider teacher housing, professional learning center/ admin space, revenue generation, other)
- Potential use of Palolo E – District Admin per 2B
- By December 2019, engage stakeholders in vision for new school and multi-purpose admin center

Benefits

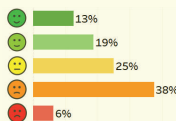
- Larger schools can offer more enrichment programs such as language, music, and art
- Move students from old facilities into new/rebuilt buildings equipped for 21st century
- New community asset and potential revenue
- Provides a consistent home for students grades Pre-K-8 for 9+ years
- Better utilizes Jarrett site (projected 41% utilized)
- One less elementary school that needs maintained to standard
- Similar school culture and ethnicities
- Continuity and consistent curriculum, programs, and culture from K-8
- Student mentoring and leadership opportunities
- A lot of space available at Jarrett MS

Challenges

- School consolidation
- Grade configuration change
- Range of Pre-K-8 may be too big
- Some of Jarrett MS's buildings are structurally deficient

Stakeholder Voice

★★★★★



3C Palolo/Aliliolani/Jarrett Pre-K-8

\$\$\$\$\$

- Similar to Scenario 2B, except both Palolo ES and Aliiolani ES merge with Jarrett MS for a larger Pre-K-8 program of 1,200 students
- Repurpose both Palolo ES and Aliiolani ES sites for community-designed purpose TBD (consider teacher housing, professional learning center/admin space, revenue generation, other)

Benefits

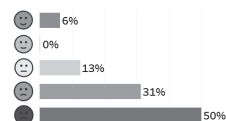
- Provides a consistent home for students grades Pre-K-8 for 9+ years
- New classroom renovations and additions
- Better utilizes Jarrett MS site (projected to be 41% utilized)
- Two less elementary schools that needs maintained to standard
- Opportunity to repurpose and/or leverage two ES sites for alternative use or revenue generation

Challenges

- School consolidation
- Grade configuration change
- Too big, too many students in one location
- Range of Pre-K-8 may be too big
- Some of Jarrett MS's buildings are structurally deficient
- May have trouble getting students to school from the back of Palolo Valley

Stakeholder Voice

★★★★★



3D Kaimuki 7-12

\$\$\$\$\$

- Renovate/reconstruct Jarrett MS or Palolo ES campus for Palolo Pre-K-6 program
- Repurpose Jarrett MS or Palolo ES site for community-designed purpose TBD (consider teacher housing, professional learning center/admin space, revenue generation, other)
- Move Jarrett MS as a 7-8 into surplus HS capacity at Kaimuki HS; partner with Kaimuki HS and/or SEEQS to align programming 7-12

Benefits

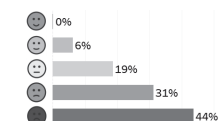
- Better utilizes existing facilities (Jarrett MS and Kaimuki HS) and **increases program opportunities**
- Allows for 7-12 program integration at Kaimuki HS, and potentially attraction to Jarrett MS students opting for GE/charter
- Opportunity to repurpose and/or leverage a ES site for alternative use or revenue generation
- Could boost retention of HS students at Kaimuki HS**

Challenges

- School consolidation
- Grade configuration change
- Potential challenges of housing 7-8th graders on the HS campus
- Potential increase of GEs out of Kaimuki HS
- 6th graders will have to go back to their elementary schools so ES campuses will have to be renovated to accommodate

Stakeholder Voice

★★★★★



Recommendation

- Plan for new are Pre-K-8 and multi-purpose meeting and administration facilities



Kaimuki Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Kaimuki grade configurations)

3E Palolo Pre-School/Aliioli K-4/Jarrett 5-8

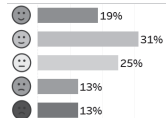
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- Renovate/reconstruct Palolo ES to be a pre-school. Reconfigure Aliioli ES to be K-4, and Jarrett MS to be 6-8

Benefits

Challenges

Stakeholder Voice



3F Kuhio becomes Pre-K, Kuhio students rezoned to Lunalilo and Aliioli

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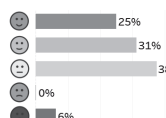
- Renovate/reconstruct Kuhio for Pre-K. Rezone Kuhio ES students to Lunalilo ES and Aliioli ES

Benefits



Challenges

Stakeholder Voice



3G Merge Aliioli and Palolo on Aliioli and Palolo becomes Pre-K

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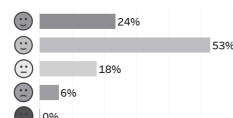
- Renovate/reconstruct Aliioli ES to accommodate Aliioli ES and Palolo ES students. Repurpose Palolo ES for Pre-K

Benefits

- Supports Scenario 4B

Challenges

Stakeholder Voice



Kaimuki Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (elementary school portfolio)

4A Keep current operational scenario

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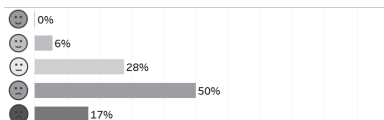
Benefits

- No changes to implement

Challenges

- High rate of GE/charter opt-out, from 42%-57% of students, not including those who choose private schools
- Kaimuki complex elementary schools are among smallest on Oahu, and based on funding weighted student formulas, smaller schools struggle to offer enrichment programs
- Significant capacity under-utilization
- Facilities are in old, outdated condition

Stakeholder Voice



4B Aliiolani reconstruction; elementary school consolidation

\$\$\$\$\$ \$20-40M ● Priority 1

- Conduct study and focused stakeholder outreach to inform consolidation of area elementary schools for "newer/fewer" long-range strategy
- Rebuild Aliiolani ES to 21st century standards and add ~200 capacity to accommodate additional elementary school students. *Rebuild oldest buildings while keeping large green space.*
- Repurpose surplus elementary site for community-designed purpose TBD (consider teacher housing, professional learning center/admin space, revenue generation, other). *SAC: closing and repurposing Kuhio ES makes the most sense due to size, location, and facility needs.*

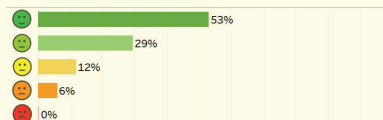
Benefits

- Larger schools can offer more enrichment programs such as language, music, and art
- Move students from old facilities into new/rebuilt buildings equipped for 21st century
- New community asset and potential revenue
- Better utilizes capacity, and one less elementary school that needs maintained to standard
- Supports Scenario 3F and 3G

Challenges

- School consolidation

Stakeholder Voice



Recommendation























- Rebuild Aliiolani ES on site.



Kaimuki Complex

SCENARIOS and FACILITY OPTIONS








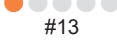















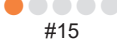


















FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	5 Kaimuki HS repurpose buildings B, C & D for STEAM instruction <ul style="list-style-type: none"> Repurpose designated buildings as indoor/outdoor STEAM space designed for engineering pathways Existing planning project 	<ul style="list-style-type: none"> New, modern learning environments Renovates old buildings 		\$\$\$\$\$ \$500k-2.5M	●●●●● HS - #7		1 ●
	6 Kaimuki HS revenue generation <ul style="list-style-type: none"> Study options to repurpose portions of the site for Act 155 compliance; use available land and/or space to generate revenues to help fund 21st century school facilities and operations 	<ul style="list-style-type: none"> Studies options to designate a portion(s) of the site to generate revenue for HIDOE operations 		\$\$\$\$\$ \$500k-2.5M	●●●●● HS - #8		3 🌓
	7 Washington MS STEAM classroom renovations <ul style="list-style-type: none"> Renovate 2-4 classrooms for STEAM instruction 	<ul style="list-style-type: none"> New, modern learning environments Adds industrial arts space, which is currently less than half of standard 		\$\$\$\$\$ \$2.5-7.5M	●●●●● #10		1 ●
	8 Washington MS music classroom renovations <ul style="list-style-type: none"> Renovate 2-4 classrooms for music instruction and band (in planning) 	<ul style="list-style-type: none"> New, modern music instruction space 		\$\$\$\$\$ \$2.5-7.5M	●●●●● #10		1 ●
	9 Heat abatement (various schools) <ul style="list-style-type: none"> Assess, prioritize, and implement air condition and ventilation projects at all schools 			\$\$\$\$\$ \$20-40M	●●●●● #5		2 🌓
	10 Electrical upgrade (various schools) <ul style="list-style-type: none"> Assess, prioritize, and implement power upgrade projects at all schools 			\$\$\$\$\$ \$20-40M	●●●●● #3		2 🌓
	11 Flood drainage improvements (various schools) <ul style="list-style-type: none"> Ala Wai ES regrade, add drainage Kuhio ES address runoff, erosion, and flooding 			\$\$\$\$\$ \$500k-2.5M	●●●●● #7		2 🌓
	12 Pedestrian safety improvements (various schools) <ul style="list-style-type: none"> Hokulani ES extend exit road/fire lane for improved drop-off Jefferson ES widen entrance/exit 			\$\$\$\$\$ \$2.5-7.5M	●●●●● #2		2 🌓
	13 Security improvements (various schools) <ul style="list-style-type: none"> Ala Wai ES secure outdoor sink Hokulani ES cameras, lighting Kuhio ES site lighting Palolo ES retaining wall/fence 			\$\$\$\$\$ \$500k-2.5M	●●●●● #2		1 ●
	14 ADA accessibility improvements (various schools) <ul style="list-style-type: none"> Hokulani ES elevator to library Kuhio ES ramp to cafeteria, Building C restrooms, Buildings C and H elevators Palolo ES admin ramps, elevator, restrooms 			\$\$\$\$\$ \$2.5-7.5M	●●●●● #6		2 🌓
	15 Flexible STEAM and/or outdoor learning spaces (all ES and MS) <ul style="list-style-type: none"> Construct or convert 1-2 classrooms into flexible resource spaces for science and art instruction Construct covered outdoor learning space 	<ul style="list-style-type: none"> Provides new, modern learning environments for science, the arts, and project-based learning 		\$\$\$\$\$ \$20-40M	●●●●● #10		2 🌓



Kaimuki Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 16.1 Special Education and/or Pre-K conversion (various schools) <ul style="list-style-type: none"> Ala Wai ES, Hokulani ES special ed renovations 			\$\$\$\$ \$2.5-7.5M	 #11		3 
 17 Parking lot expansion (various schools) <ul style="list-style-type: none"> Hokulani ES add parking into new exit lane Jefferson ES reconfigure parking lot with drop-off expansion Kuhio ES replace parking with permeable paving to reduce runoff/erosion. Dependent on status of Kuhio ES (Scenario 4B). Cellular structured grass solutions suggested as alternative solution 			\$\$\$\$ \$2.5-7.5M	 #13		4 
 18 Playground improvements (various schools) <ul style="list-style-type: none"> Hokulani ES replace playground Kuhio ES re-landscape playfield. Kuhio ES replace parking with permeable paving to reduce runoff/erosion. Dependent on status of Kuhio ES (Scenario 4B). Palolo ES replace 3rd-5th grade playground 			\$\$\$\$ \$2.5-7.5M	 #8		3 
 19 Covered play court/multi-purpose facility (various schools) <ul style="list-style-type: none"> Construct sheltered multi-purpose facility where non-existent and feasible 			\$\$\$\$ \$20-40M	 #9		4 
 20 Covered walkways/shade structure/trees (various schools) <ul style="list-style-type: none"> Hokulani ES extend to drop-off Jefferson ES shade structure/trees Kuhio ES new Lunalilo ES new to cafeteria, library, Building D 			\$\$\$\$ \$500k-2.5M	 #9		2 
 21 Lunalilo ES administration expansion <ul style="list-style-type: none"> Gut/renovation, add air conditioning, power, and security 	<ul style="list-style-type: none"> Provides new, modern administrative space 		\$\$\$\$ \$2.5-7.5M	 #15		4 
 22 Kuhio ES cafeteria expansion <ul style="list-style-type: none"> Kuhio ES replace parking with permeable paving to reduce runoff/erosion. Dependent on status of Kuhio ES (Scenario 4B). 	<ul style="list-style-type: none"> Kuhio ES cafeteria currently less than half of standard space 		\$\$\$\$ \$2.5-7.5M	 #14		4 
 23 Furniture and technology refresh (all schools) <ul style="list-style-type: none"> Prioritized replacement of outdated furniture and equipment 			\$\$\$\$ \$500k-2.5M	 #4		3 
 24 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$ \$7.5-20M	 #1		1 
 25 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$ \$500k-2.5M	 #11		4 



McKinley Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Age	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	McKinley High (9-12)	1583 / 1486 / -6%	1714	228	0.87	1923 / 2011 / 71	88%	0.82 / 25
	Central Middle (6-8)	391 / 396 / 1%	609	213	0.65	1925 / 1962 / 83	100%	0.74 / 88
	Ka'ahumanu Elementary (K-5)	526 / 524 / 0%	750	226	0.70	1964 / 1987 / 48	56%	0.59 / 211
	Ka'iulani Elementary (K-5)	351 / 381 / 9%	491	110	0.78	1956 / 1970 / 59	86%	0.76 / 71
	Kauluwela Elementary (K-5)	422 / 640 / 52%	304	-336	2.11	1938 / 1975 / 53	42%	0.52 / 241
	Lanakila Elementary (K-5)	390 / 422 / 8%	400	-22	1.06	1956 / 1974 / 54	84%	0.62 / 186
	Likelike Elementary (K-5)	341 / 352 / 3%	457	105	0.77	1961 / 1967 / 53	100%	0.64 / 161
	Royal Elementary (K-5)	373 / 369 / -1%	412	43	0.90	1951 / 2001 / 44	70%	0.66 / 143
	TOTAL	4,570	5,137	567	0.89		78%	0.67

Stakeholder Voice:



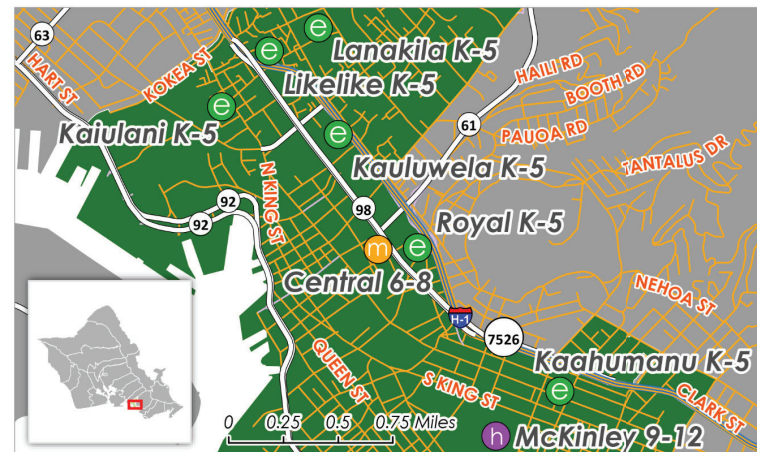
I hope we can **come together as a community** and look for other opportunities to **improve our schools** and secure funding sources. - Community Member

School should be a place **where students are excited to be there**; where we are respecting all students and empowering them to **exercise their passions** and be the people they want to be. - Teacher



We're getting to a place where we know what we need. I want to see our communities **be invested in their community** and have schools be their **hub**. - Parent

We need to help our students become innovative and critical-thinking problem-solvers. **We should promote philosophies we want our kids to grow up with.** - Teacher



Challenges:



- Kauluwela ES 218 projected enrollment growth (52%)
- 42%-51% of each school's students GE out or attend charter



- Moderate flood risk: site in extreme tsunami zone (McKinley HS)



- Over half of facilities are classified as old or beyond useful life



- Severe capacity over-utilization: Kauluwela ES
- Capacity under-utilization at Central MS, Kaahumanu ES, Kaulani ES, Likelike ES



- Industrial Arts less than 50% of standard space: Castle HS, King IS



- No science rooms at most elementary schools



- No dedicated art or music rooms at most elementary schools



- Renovate lockers, new training room



- Library less than 50% of standard space: Likelike ES



- Cafeteria less than 50% of standard space: McKinley HS, Kaahumanu ES, Kauluwela ES



McKinley Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Scenarios 1A-1B apply to all Honolulu District complexes)

1A Honolulu District separate Career Tech programs at each high school

\$\$\$\$\$ \$40-75M ● Priority 1

- Renovate/enhance Career Technical Education (CTE) facilities at all Honolulu high schools
- Consider complementary programs among all area high schools to allow for more specialized career pathways and focused capital and staff resources
- Step 1: By December 2019, engage District and local MS, HS, and business stakeholders to determine strategic investments in CTE in District
- Step 2: Invest in MS STEAM renovations and HS CTE spaces accordingly

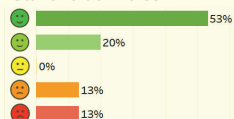
Benefits

- No operational changes to implement
- Immediate implementation
- Each school needs to have a modern CTE basic facility
- Allows capacity to expand in the future
- Students better prepared for 21st century skills and careers
- Explore different curriculums

Challenges

- High cost of CTE facilities
- Difficulty in attracting/retaining qualified staff
- Teach accreditation barriers
- Many students may get a GE just for the available resources in the CTE courses
- Disparity of technology at each school
- Reality that all schools can't be all things

Stakeholder Voice



Recommendation

- Work with area stakeholders to determine strategic investments in area CTE spaces

1B Honolulu District standalone/shared Career Tech campus

\$\$\$\$\$

- Acquire or repurpose land and construct new ### capacity high school campus with highly-specialized facilities and equipment for advanced 21st century CTE center. Consider under-utilized Kaimuki HS campus.
- Facility may house a standalone school, and/or be shared and jointly operated by multiple Honolulu District high schools
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers

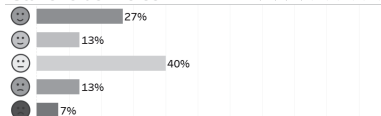
Benefits

- Reduces HS capacity utilization with new off-site capacity
- Expands student career opportunities
- Combines resources to create a highly-resourced, **concentrated** CTE program, both in terms of facilities and staffing
- Opportunity to collaborate with higher education
- Relieves over-utilized schools

Challenges

- Creating partnership between schools (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- Lack of qualified teachers
- Logistical and operational challenges
- Needs vision and leaders to spearhead
- Students potentially miss out on well-rounded HS experience
- Students may not know what CTE specialization to commit to early in HS

Stakeholder Voice



McKinley Complex

SCENARIOS and FACILITY OPTIONS



Scenarios (Scenarios 2A-2B apply to all Honolulu District complexes)

2A Keep current distributed administration scenario

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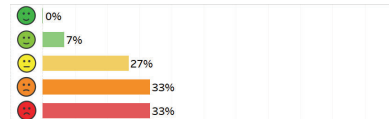
Benefits

- No changes to implement

Challenges

- Maintaining administration distributed throughout Honolulu in multiple schools
- Lack of adequate large group meeting space
- Poor communication
- Cost of travel for meetings (mileage and time)
- Difficult to collaborate and coordinate availability
- Offices are currently spread out
- Accessibility to the public
- Low visibility
- Limited parking at Wilson

Stakeholder Voice



2B District-wide administration complex

\$\$\$\$\$ \$20-40M Priority 3

- Consider re-acquiring Wailupe Valley site or location more centrally-located, such as Kaimuki HS could be another potential location
- Move administrative offices scattered in schools around the District to one location
- Repurpose vacated classrooms for instructional or school-support functions such as STEAM
- Consider combining Scenario 1B CTE Center and Scenario 2B Admin Complex on same site for more efficient use of land and facilities and more public visibility to the CTE program
- Determine site by December 2019
- Change grade configuration



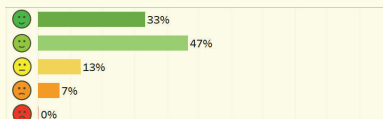
Benefits

- Consolidation of offices and provides one location for District admin and meeting spaces
- Could eliminate need to rent space for large workshops, training, events, etc.
- Allows currently occupied spaces at local schools to return to locally determined use
- Improves communication and collaboration
- Reduces time and cost of travel for meetings
- Increase number of meeting spaces
- Central location for professional development and teacher resources
- Removes and relocates district admin out of local school classrooms allowing principals expanded options for school design

Challenges

- Wailupe may be too far

Stakeholder Voice



Recommendation


































- Create a multi-purpose meeting and district-wide administration to centralize admin and free up classrooms in schools



McKinley Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	3 McKinley HS stadium lighting and seating addition • Install new lighting and seating for stadium	<ul style="list-style-type: none"> Provides adequate illumination for stadium Allows for flexibility in sports scheduling 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$ \$2.5-7.5M	 HS - #9		1 ●
	4 McKinley HS new multi-purpose cafeteria addition • Construct multi-purpose dining area addition	<ul style="list-style-type: none"> Provides flexible shared assembly space Provides adequate space for student dining 	<ul style="list-style-type: none"> Students believe cafeteria and assembly space are currently adequate 	\$\$\$\$\$ \$2.5-7.5M	 HS - #11		5 ○
	5 Central MS STEAM renovation • Renovate existing two to four classroom spaces STEAM instruction • Consider locating on land mauka of Vineyard Boulevard	<ul style="list-style-type: none"> Provides modern, flexible, multi-purpose educational space 		\$\$\$\$\$ \$2.5-7.5M	 #10		1 ●
	6 Heat abatement (various schools) • Assess, prioritize, and implement air condition and ventilation projects at all schools			\$\$\$\$\$ \$20-40M	 #5		2 ●
	7 Electrical upgrade (various schools) • Assess, prioritize, and implement power upgrade projects at all schools			\$\$\$\$\$ \$20-40M	 #3		1 ●
	8 Flood drainage improvements (various schools) • Kaiulani ES runoff into HCC • Kauluwela ES Building M			\$\$\$\$\$ \$500k-2.5M	 #7		2 ●
	9 Pedestrian safety improvements (various schools) • Lanakila ES new drop-off and restripe parking			\$\$\$\$\$ \$2.5-7.5M	 #2		2 ●
	10 Security improvements (various schools) • Royal ES fencing • Kaiulani ES restroom entrance reconfiguration			\$\$\$\$\$ \$500k-2.5M	 #2		1 ●
	11 ADA accessibility improvements (various schools) • Kaahumanu ES elevator, restrooms • Kaiulani ES elevator • Royal ES Buildings A and B elevators			\$\$\$\$\$ \$2.5-7.5M	 #6		2 ●
	12 Flexible STEAM and/or outdoor learning spaces (all ES and MS) • Construct or convert 1-2 classrooms into flexible resource spaces for science and art instruction • Construct covered outdoor learning space	<ul style="list-style-type: none"> Provides new, modern learning environments for science, the arts, and project-based learning 		\$\$\$\$\$ \$20-40M	 #10		2 ●
	13.1 Special Education and/or Pre-K conversion (various schools) • Kaahumanu ES, Royal ES Special Education renovation • Kaiulani ES Special Education and Pre-K renovation • Lanakila ES Special Education and Pre-K renovation			\$\$\$\$\$ \$2.5-7.5M	 #11		3 ○



McKinley Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 14 Parking lot expansion (various schools) <ul style="list-style-type: none"> Kaahumanu ES parking structure/subterranean, consider public-private revenue generation Kaiulani ES add parking for 12 cars Kauluwela ES pave gravel parking lot Lanakila ES expand parking Royal ES parking structure/subterranean, consider public-private revenue generation, shared with Central MS Cellular structured grass suggested as alternative solution 	<ul style="list-style-type: none"> Significant need for additional parking 		\$\$\$\$\$ \$2.5-7.5M	 #13		4 
 15 Playground improvements (various schools) <ul style="list-style-type: none"> Kaahumanu ES replace playground Kaiulani ES add ADA sidewalk to playground Kauluwela ES new playground behind Building D Lanakila ES correct erosion/setting and replace playground 			\$\$\$\$\$ \$2.5-7.5M	 #8		3 
 16 Covered play court/multi-purpose facility (various schools) <ul style="list-style-type: none"> Construct sheltered multi-purpose facility where non-existent and feasible 			\$\$\$\$\$ \$20-40M	 #9		4 
 17 Covered walkways/shade structure/trees (various schools) <ul style="list-style-type: none"> Kaiulani new multi-story Kauluwela ES, Lanakila ES new 			\$\$\$\$\$ \$500k-2.5M	 #9		2 
 18 Administration expansion (various schools) <ul style="list-style-type: none"> Kaahumanu ES, Kauluwela ES expand/renovate admin offices Kaiulani ES construct new admin building, repurpose admin into STEAM/maker space 	<ul style="list-style-type: none"> Provides appropriate professional space for school administration 		\$\$\$\$\$ \$2.5-7.5M	 #15		4 
 19 Kaahumanu ES multi-purpose cafeteria expansion <ul style="list-style-type: none"> Construct multi-purpose dining area addition 	<ul style="list-style-type: none"> Flexible shared assembly space Adequate space for student dining 		\$\$\$\$\$ \$2.5-7.5M	 #14		3 
 20 Furniture and technology refresh (all schools) <ul style="list-style-type: none"> Prioritized replacement of outdated furniture and equipment 			\$\$\$\$\$ \$500k-2.5M	 #4		3 
 21 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects 	<ul style="list-style-type: none"> Addresses top-priority needs at each school. 		\$\$\$\$\$ \$7.5-20M	 #1		1 
 22 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution. 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$ \$500k-2.5M	 #11		4 
 23 McKinley HS roof renovation/replacements to Buildings M and A			\$\$\$\$\$ \$500k-2.5M	 #1		1 



Roosevelt Complex DATA and NEEDS



Enrollment and Facility Data:

	School	(a) 2017-18/ 2023-24 Enrollment	(b) Capacity	(c) = (b) - (a) Projected Capacity Surplus	(d) = (a) / (b) 2023-24 Projected Utilization	Oldest / Newest / Avg Building Life	% Old or Beyond Expected Life	Adequacy Score / Rank Out of 260
	Roosevelt High (9-12)	1363 / 1289 / -5%	1123	-166	1.15	1932 / 1971 / 76	96%	0.76 / 74
	Anuenue School (K-12)	455 / 528 / 16%	530	2	1.00	1958 / 1970 / 54	87%	0.65 / 149
	Kawananakoa Middle (6-8)	775 / 797 / 3%	819	22	0.97	1936 / 1970 / 59	61%	0.78 / 56
	Stevenson Middle (6-8)	647 / 643 / -1%	700	57	0.92	1951 / 2000 / 65	97%	0.81 / 35
	Lincoln Elementary (K-5)	341 / 366 / 7%	418	52	0.88	1955 / 1955 / 63	100%	0.72 / 101
	Ma'ema'e Elementary (K-5)	682 / 689 / 1%	571	-118	1.21	1950 / 1967 / 59	100%	0.62 / 184
	Ma'noa Elementary (K-5)	535 / 529 / -1%	627	98	0.84	1952 / 2000 / 62	93%	0.69 / 113
	Noelani Elementary (K-5)	475 / 509 / 7%	419	-90	1.21	1960 / 1972 / 51	75%	0.59 / 216
	Nu'uuanu Elementary (K-5)	370 / 353 / -5%	333	-20	1.06	1960 / 1970 / 55	81%	0.61 / 200
	Pauoa Elementary (K-5)	285 / 315 / 11%	381	66	0.83	1954 / 1969 / 55	84%	0.75 / 78
	TOTAL	6,018	5,921	-97	1.02		87%	0.70

Stakeholder Voice:



I attended a concert at Roosevelt HS and the **lighting was so poor, that parents were helping other parents** get to their car using the cell phone lights. - Parent

I would just like to see my science **teachers not complain about the roofs caving in on them** and rain dripping on the tables. - Student

There are some bright spots and good things going on in the DOE. I'm a proud parent of a junior at Farrington HS. I also want to **be an advocate for the diverse learner needs. I'd like to see more flex groupings and classrooms.** - Teacher

We have a **new science building that is our gem on campus. It's our draw.** I'm proud that this is the first year at Stevenson where no one GE'd to Kawananakoa. - Teacher

We really need a covered play court because **when it rains, we have no choice but to cram so many kids into two rooms to watch a movie.** - Teacher



Challenges:



- Net GE's cause school to exceed capacity: Roosevelt HS (348), Maemae ES (227), Noelani ES (97)
- Lincoln ES 234 of 503 (47%) students GE out or attend charter



- Majority of facilities are classified as old or beyond useful life



- Capacity over-utilization: Maemae ES, Noelani ES



- Industrial Arts less than 50% of standard space: Roosevelt HS
- Family consumer science less than 50%: Stevenson MS, Kawananakoa MS

- No science room at Noelani ES

- Music less than 50% of standard space: Roosevelt HS, Anuenue K-12, Kawananakoa MS
- Art less than 50%: Anuenue K-12

- Anuenue K-12 has under-sized lockers and no gym
- New gym, pool, wrestling room, riflery



- Library less than 50% of standard space: Roosevelt HS, Anuenue K-12, Noelani ES, Maemae ES

- Cafeteria less than 50% of standard space: Noelani ES, Anuenue K-12

- Admin less than 50% of standard space: Maemae ES, Noelani ES, Anuenue K-12



Roosevelt Complex

SCENARIOS and FACILITY OPTIONS



SCENARIOS (Scenarios 1A-1B apply to all Honolulu District complexes)

1A Honolulu District separate Career Tech programs at each high school

\$\$\$\$\$ \$40-75M ● Priority 1

- Renovate/enhance Career Technical Education (CTE) facilities at all Honolulu high schools
- Consider complementary programs among all area high schools to allow for more specialized career pathways and focused capital and staff resources
- Step 1: By December 2019, engage District and local MS, HS, and business stakeholders to determine strategic investments in CTE in District
- Step 2: Invest in MS STEAM renovations and HS CTE spaces accordingly

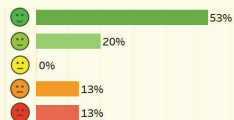
Benefits

- No operational changes to implement
- Immediate implementation
- Each school needs to have a modern CTE basic facility
- Allows capacity to expand in the future
- Students better prepared for 21st century skills and careers
- Explore different curriculums

Challenges

- High cost of CTE facilities
- Difficulty in attracting/retaining qualified staff
- Teach accreditation barriers
- Many students may get a GE just for the available resources in the CTE courses
- Disparity of technology at each school
- Reality that all schools can't be all things

Stakeholder Voice



1B Honolulu District standalone/shared Career Tech campus

\$\$\$\$\$

- Acquire or repurpose land and construct new ### capacity high school campus with highly-specialized facilities and equipment for advanced 21st century CTE center. Consider under-utilized Kaimuki HS campus.
- Facility may house a standalone school, and/or be shared and jointly operated by multiple Honolulu District high schools
- Explore partnerships with UH and private partners to attract and retain specialized instructors in locally relevant careers

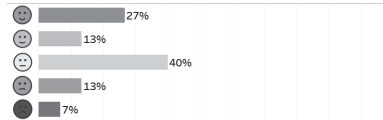
Benefits

- Reduces HS capacity utilization with new off-site capacity
- Expands student career opportunities
- Combines resources to create a highly-resourced, **concentrated** CTE program, both in terms of facilities and staffing
- Opportunity to collaborate with higher education
- Relieves over-utilized schools

Challenges

- Creating partnership between schools (funding, bell schedule, CTE programming, etc.)
- Transportation between home high schools and the CTE center
- Land acquisition time/cost
- Lack of qualified teachers
- Logistical and operational challenges
- Needs vision and leaders to spearhead
- Students potentially miss out on well-rounded HS experience
- Students may not know what CTE specialization to commit to early in HS

Stakeholder Voice



Recommendation

- Work with area stakeholders to determine strategic investments in area CTE spaces



Roosevelt Complex

SCENARIOS and FACILITY OPTIONS



Scenarios (Scenarios 2A-2B apply to all Honolulu District complexes)

2A Keep current distributed administration scenario

\$\$\$\$\$

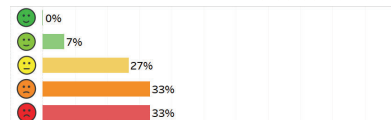
Benefits

- No changes to implement

Challenges

- Maintaining administration distributed throughout Honolulu in multiple schools
- Lack of adequate large group meeting space
- Poor communication
- Cost of travel for meetings (mileage and time)
- Difficult to collaborate and coordinate availability
- Offices are currently spread out
- Accessibility to the public
- Low visibility
- Limited parking at Wilson

Stakeholder Voice



2B District-wide administration complex

\$\$\$\$\$ \$20-40M Priority 3

- Consider re-acquiring Wailupe Valley site or location more centrally-located, such as Kaimuki HS could be another potential location
- Move administrative offices scattered in schools around the District to one location
- Repurpose vacated classrooms for instructional or school-support functions such as STEAM
- Consider combining Scenario 1B CTE Center and Scenario 2B Admin Complex on same site for more efficient use of land and facilities and more public visibility to the CTE program
- Determine site by December 2019
- Change grade configuration



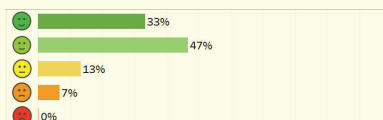
Benefits

- Consolidation of offices and provides one location for District admin and meeting spaces
- Could eliminate need to rent space for large workshops, training, events, etc.
- Allows currently occupied spaces at local schools to return to locally determined use
- Improves communication and collaboration
- Reduces time and cost of travel for meetings
- Increase number of meeting spaces
- Central location for professional development and teacher resources
- Removes and relocates district admin out of local school classrooms allowing principals expanded options for school design

Challenges

- Wailupe may be too far

Stakeholder Voice



Recommendation

- Create a multi-purpose meeting and district-wide administration to centralize admin and free up classrooms in schools



Roosevelt Complex

SCENARIOS and FACILITY OPTIONS




















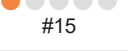














FACILITY OPTIONS (not in priority order)		Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
	3 Roosevelt HS new gymnasium with 4-6 classroom spaces <ul style="list-style-type: none"> Rebuild or renovate gymnasium on-site Construct 4-6 flexible classroom spaces 	<ul style="list-style-type: none"> Provides modern flexible educational space Helps alleviate capacity needs 	<ul style="list-style-type: none"> Extends construction on occupied site 	\$\$\$\$\$ \$20-40M	 HS - #4		1 ●
	4 Roosevelt HS PE locker room expansion <ul style="list-style-type: none"> Construct additional locker room space Included in Option 3 	<ul style="list-style-type: none"> Provides needed locker room space for PE class 		\$\$\$\$\$ \$2.5-7.5M	 HS - #6		1 ●
	5 Roosevelt HS outdoor performance and instruction space <ul style="list-style-type: none"> Construct multi-purpose outdoor space on northwest portion of site 	<ul style="list-style-type: none"> Provides multi-purpose, outdoor space for arts instruction and other uses 	<ul style="list-style-type: none"> Land is sloped 	\$\$\$\$\$ \$20-40M	 HS - #6		5 ○
	6 Renovate music spaces (all middle schools) <ul style="list-style-type: none"> Renovate/upgrade/expand existing music spaces Include appropriate equipment Kawananakoa MS raze/replace Building C 	<ul style="list-style-type: none"> Provides adequate space to meet music program needs 		\$\$\$\$\$ \$20-40M	 #10		1 ●
	7 Heat abatement (various schools) <ul style="list-style-type: none"> Assess, prioritize, and implement air condition and ventilation projects at all schools 			\$\$\$\$\$ \$20-40M	 #5		2 ●
	8 Electrical upgrade (various schools) <ul style="list-style-type: none"> Assess, prioritize, and implement power upgrade projects at all schools <i>prior to installing air conditioning units</i> 			\$\$\$\$\$ \$20-40M	 #3		1 ●
	9 Flood drainage improvements (various schools) <ul style="list-style-type: none"> Lanakila ES Building C and I, parking lot Manoa ES 1st and 2nd grade 			\$\$\$\$\$ \$500k-2.5M	 #7		2 ●
	10 Security improvements (various schools) <ul style="list-style-type: none"> Lincoln ES fencing/gate; floodlighting Pauoa ES fencing 	<ul style="list-style-type: none"> Security and fencing will improve safety at ES and prevent homeless invasions on campus 		\$\$\$\$\$ \$500k-2.5M	 #2		1 ●
	11 ADA accessibility improvements (various schools) <ul style="list-style-type: none"> Noelani ES two elevators Pauoa ES one elevator 			\$\$\$\$\$ \$2.5-7.5M	 #6		2 ●
	12 Flexible STEAM and/or outdoor learning spaces (all ES and MS) <ul style="list-style-type: none"> Construct or convert 1-2 classrooms into flexible resource spaces for science and art instruction Construct covered outdoor learning space 	<ul style="list-style-type: none"> Provides new, modern learning environments for science, the arts, and project-based learning 		\$\$\$\$\$ \$20-40M	 #10		2 ●
	13.1 Special Education and/or Pre-K conversion (various schools) <ul style="list-style-type: none"> Lincoln ES Pre-K renovation Pauoa ES Special Education renovation 			\$\$\$\$\$ \$2.5-7.5M	 #11		3 ●



Roosevelt Complex

SCENARIOS and FACILITY OPTIONS



FACILITY OPTIONS	Benefits	Challenges	Cost/ROM Range	Stakeholder Voice	Funding Category	Priority Tier
 14 Parking lot expansion (various schools) <ul style="list-style-type: none"> Lincoln ES add parking for 40 cars Cellular structured grass is suggested as alternative solution 			\$\$\$\$\$\$ \$2.5-7.5M	 #8		4 
 15 Playground improvements (various schools) <ul style="list-style-type: none"> Manoa ES repave play court Noelani ES, Pauoa ES replace playground 			\$\$\$\$\$\$ \$2.5-7.5M	 #8		3 
 16 Covered play court/multi-purpose facility (various schools) <ul style="list-style-type: none"> Construct sheltered multi-purpose facility where non-existent and feasible 			\$\$\$\$\$\$ \$20-40M	 #9		4 
 17 Nuuanu ES phased reconstruction <ul style="list-style-type: none"> Rebuild school with modern 21st century facility 	<ul style="list-style-type: none"> Provides modern facilities for instruction 		\$\$\$\$\$\$ \$40-75M			5 
 18 Pauoa ES, Maemae ES administration renovation <ul style="list-style-type: none"> Gut/renovation, add air conditioning, power, and security 	<ul style="list-style-type: none"> Provides new, modern administrative space 		\$\$\$\$\$\$ \$2.5-7.5M	 #15		4 
 19 Furniture and technology refresh (all schools) <ul style="list-style-type: none"> Prioritized replacement of outdated furniture and equipment 	<ul style="list-style-type: none"> Quick and easy to do and is important 		\$\$\$\$\$\$ \$500k-2.5M	 #4		3 
 20 Prioritized repairs and maintenance (all schools) <ul style="list-style-type: none"> Safety, code, and maintenance projects to include site drainage 	<ul style="list-style-type: none"> Addresses top-priority needs at each school 		\$\$\$\$\$\$ \$7.5-20M	 #1		1 
 21 Locally-determined enhancements (all schools) <ul style="list-style-type: none"> Budget allotment for each school to fund stakeholder-driven projects E.g., Manoa PV panels 	<ul style="list-style-type: none"> Empowers schools and students to define projects at time of execution 	<ul style="list-style-type: none"> Requires policy to consistently allocate and implement projects 	\$\$\$\$\$\$ \$500k-2.5M	 #11		4 





APPENDIX K

Stakeholder Feedback

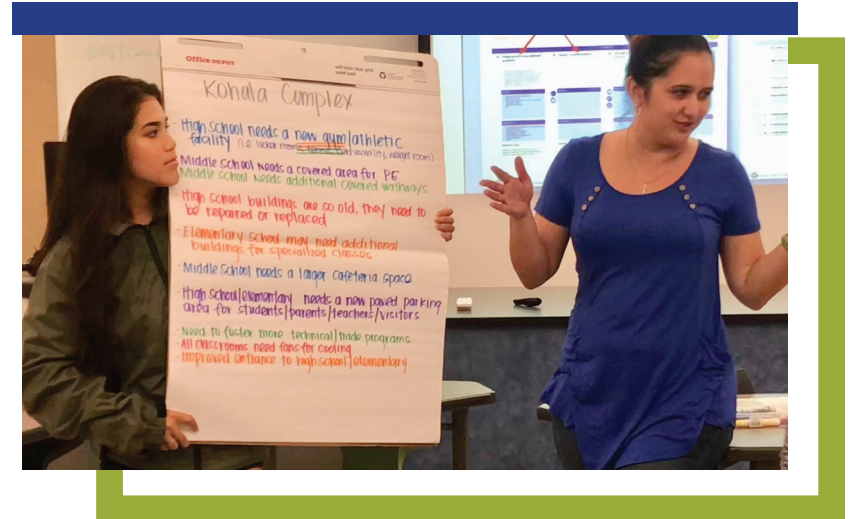
Stakeholder Feedback

Stakeholder Advisory Committee members expressed appreciation for being engaged by HDOE to help identify and prioritize their local school needs. Overwhelmingly, SAC members described the FMP process as an important step toward bringing equity to schools statewide. Some committee members were surprised at the volume of projects and extent of facility needs, and many were happy to see that the FMP addresses persistent challenges even when some of them may be controversial. Stakeholders universally wanted to continue to be engaged in future facility planning and design and suggested expanding engagement to include additional community members moving forward. SAC feedback was clear: the FMP was an important step to bringing transparency, local voice, and local accountability to school facility planning, and SAC members want to continue working with the state to improve their local schools.

To improve future HDOE planning processes and engagements, stakeholders shared their opinions and insights with additional suggestions:

- Consider geographic exceptions and school capacity (both Hawaiian immersion and other reasons) and the effect it has on enrollment and project prioritization
- Consider geography, climate, and weather when determining priority of projects associated with natural environment
- Consider limits to the number of Priority 1 projects that are implemented within the same geography and duration of time
- Consider the ratio of resources spent by geography and density of population

Suggestions continued on next page...



It's obvious that a great deal of preparation went into this process, and I felt that our inputs were respectfully and professionally considered to help make tough decisions.

- SAC5 Participant

- Create oversight committees by a predetermined geography to help oversee processes and philosophies such as:
 - FMP accountability, equity, and transparency
 - FMP additional funding strategies
 - FMP budget and appropriation
 - FMP project bidding process
 - FMP project progress
 - FMP review and updates
- Educate the general public about the facility issues and the options formed to remedy those challenges
- Form relationships and partnerships with other government and private entities to help implement the plan
- Future engagements can specifically target teacher, student, union, SCC, PTA, and other community member voices
- Improve contract and procurement policies and transparency for additional community buy-in
- Introduce strategies and approaches to accountability for tasks ranging from FMP implementation to project timelines and quality management.
- Involve legislators to help oversee and take ownership of FMP plans respective to their community
- Organize regular and goal specific community meetings to disseminate information, keep community apprised, or gather feedback at regular and specific intervals.
- Provide a plan of action through reports of current progress, results, and future projects to stakeholders and representative committees
- Provide multiple resource points for all information related to the FMP such as websites, mobile apps, or an FMP office



APPENDIX L

Acknowledgements

Hawaii DOE Facility Master Plan Stakeholder Committee Participants (1 of 2)

Member	Relationship to DOE	SAS Rep
Hawaii - Early/South EPC		
Bryan Arbles	Principal, Hilo Union Elementary	
Chad Keone Farlas	Complex Area Superintendent, Kau-Keaua Pahoa & Hilo-Waialea	
Cheryl Sumida	ASA, Hawaii District	
Darlene Bee	Principal, Pahoa High/Inter	
Darlene Javar	Principal, Naalehu Elementary	
Dean Cevallos	Principal, Keauau High School	
Elna Gomes	Principal, Mountain View Elementary	
Guendalina Watatida	ASA, Hawaii District	
Gregg Yonemori	Principal, Cheffess Kapilani EI	
Heather Dandell	Principal, Hilo Inter School	
Karie Klein	CABM, Hawaii District	
Kaie Kalehano	Principal, Waialeakawena EI	
Kelley Koga	Principal, Waialea High School	
Ken Watanabe	Principal, Waialea Elementary	
Lisa Massey	ASA, Hawaii District	
Lisa Souza	Principal, Waialea Inter	
Michelle Payne-Arakaki	Principal, Pahoa Elementary	
Robert Dircks	Principal, Hilo High School	
Ron Jarvis	Vice Principal, Keauau High School	
Sharon Beck	Principal, Kau High School	
Wilma Roddy	Principal, Keauau Middle School	
Hawaii - East SAC		
Beverly Heelas	Parent, Hilo High School	
Caden Kadusman	Student, Pahoa High/Inter	
Charlene Masuhara	Teacher, Hilo High School	
Christopher N. Hio	Teacher, Keauau High School	SAS Rep
Daryl Oliveira	Business, HPM	
Donna Tanabe	Student, Hilo High School	
Dustin Morio	Teacher, Mountain View Elementary	
Eric Scicchitano	Business, HPM	
Gavin Tanouye	Teacher, Waialea Elementary	
Irene Perez-Gilbride	Teacher, Pahoa Elementary	
Jacob Lott	Student, Keauau High School	
Janet Lewis	Teacher, Mountain View Elementary	
Janean Stone	Parent, Keauau Middle School	
Jay Bumanglag	Teacher, Pahoa High/Inter	
Jennifer Kamimura	Student, Hilo High School	
Jill Kubogiri	Teacher, Waialea Inter	
Jim Fujioka	Parent, Waialea Elementary	
Kayci Benevides	Parent, Waialea Inter	
Kira Taylor	Student, Waialea High Elementary	
Kristy Cruz	Parent, Mountain View Elementary	
Lana Torres	Student, Hilo Inter School	
Lisa Morimoto	Parent, Waialeakawena EI	
Lucy Ramirez	Student, Hilo High School	
Mary Taimanu	Teacher, Mountain View Elementary	
Michelle Hess-Tokelau	Parent, Pahoa Elementary	
Pamela Wilson	Teacher/Parent, Kalahelele Community College/Inter	
Porsche Leopoldino	Parent, Waialeakawena EI	
Rachel Sealeman	Community College, Hawaii Community College	
Randi Saplan	Teacher, Keauau Middle School	
Rowlan Cabudol	Student, Keauau High School	
Ruby Garcia	Teacher, Cheffess Kapilani EI	
Saba Knox	Parent, Cheffess Kapilani EI	
Shoreen Turner	Teacher, Waialeakawena EI	
Tami Brillhante	Teacher, Hilo Inter School	
Thane Todd	Teacher, Waialea High School	
Trinity Becarise	Community College, UH Hilo	
Xavier Tabiti	Student, Pahoa High/Inter	
Hawaii - South SAC		
Amberly Keohoula	Teacher, Naalehu Elem	
Christen Kawaauhau-Young	Parent, Naalehu Elem	
Jamie Kalaku	Parent, Kau's HS	
June Demondson	Community Member, O'Ka'ia Kakou	
Mallah Ababa	Student, Kau's HS	
Raymond Polido	Student, Kau's HS	
Ron Gali	Community Member, Ocean View Comm. Center	
Trivy Grace	Teacher, Naalehu Elem	

	Relationship to DOE	SAS Rep.
Hawaii - North/West EPC		
Alan Brown	Principal, Kohala Middle	
Armold DeHara	ASA, Hawaii District	
Art Souza	Complex Area Superintendent, Honokaa Kealahake-Kohala KonaWaena	
Cecil North	ASA, Hawaii District	
Danny Garcia	Principal, Kohala Elementary	
Gleenn Gray	Principal, Kealahake High School	SAS Rep.
Janette Snelling	Principal, Kohala High School	
Kris Kou Correa	Principal, Waikoloa Elementary	
Mack Hackelberg	Principal, Kealahake Intermediate	SAS Rep.
Melvyn Giza	ASA, Hawaii District	
Michelle Barber	Principal, Paeolu Elem/Inter	
Noreen Kunimoto	Principal, Hanaleiua Elementary	
Rachelle Matsumura	Principal, Honokaia High School	
Scott Jeffrey	West Hawaii CBM, Hawaii District	
Scott Tamura	Principal, Waimea Elementary	
Shawn Suzuki	Principal, Konawanae High School	
Teddy Burgess	Principal, Konawanae Middle	
Hawaii - North SAC		
Adriety McDanel	Parent, Paeolu Elem/Inter	
Dawn Cordeiro	Parent, Honokaia High School	
Erika Blanco	Parent, Kohala Elementary	
Jonathan Bartsch	Parent, Kohala High School	
Pasine Tarpaly	Student, Kohala High School	SAS Rep.
Lavina Hanchano	Teacher, Honokaia High School	
Manvelene Carvalho	Parent, Honokaia High School	SAS Rep.
Mary Beth Laychak	Business and Trade, Canada-France-Hawaii Telescope	
Matthew Mendes	Teacher, Honokaa High School	
Naja Bartsch	Student, Kohala High School	
Fid Rice	Community, Waimea Middle School	
Patti Cook	Community, Waimea Community Center	
Sheri Bartsch	Parent, Kohala High School	
Tania Opamin	Teacher, Waimea Elementary	
Zhi Michelle Ublais	Teacher, Kohala High School	
Wendy Nici	Teacher, Kohala Middle	
Zephaniah Mendes	Student, Honokaia High School	
Hawaii - West SAC		
Alexei Smith	Student, Konawama High School	
Allous Algard	Student, Kealahake High School	
Bill Chen	Teacher, Kahaka Elementary	
Breeze Chien	Student, Konawama High School	
Cathy Bear	Parent, Konawama High School	
Guy Gambrane	Teacher, Konawama Middle School	SAS Rep.
John Landers	Parent, Waiukola Elementary	
Jordan Bear	Student, Konawama High School	SAS Rep.
Joy Salinas	Teacher, Kealahake Intermediate	
Justin Brown	Teacher, Kealahake High School	
Kali Haleamau Kam	Community College, HCC - Palamanui	
Kevin Arguteta	Teacher, Kahaka Elementary	
Lisa Lowe	Student, Kealahake High School	
Lori Lynch	Parent, Honouua Elementary	
Nathan Weir	Student, Kealahake High School	
Shaun Roth	Parent, Kealahake High School	
Stephanie Scarbrough	Parent, Kealahake Intermediate	
Tracy Cletcher	Community, People's Advocacy for Tralii Hawaii (PATH)	
Wendy Laros	Business and Trade, Kona Kohala Chamber of Commerce	

Member	Relationship to DOE	SAS Rep
Mauli EPC		
Barbara Dura-Tavares	Education Specialist - ELL/M, District	
Bruce Moore	ASA, Lahaina Complex	
Catherine Kilborn	Principal, Baldwin H.S.	
Chad Diamante	Principal, P.U. Kahala II	
Dawn Schorling	ASA, Mauli Complex - Baldwin HS	
Ellen Golekan	ASA, Mauli Complex - Iokalani Inter	
Halle Maxwell	Principal, Kihai El	
Jan Hashim	Vice Principal, Princess Nahiemana	
Jacquelyn McCandless	Principal, Mauli Waiana Inter	
Janine Yap	Principal, Mauli H.S.	
Jesse Henderson	ASA, Kakaulike Complex	
Kathleen Dimino	Complex Area Superintendent, Baldwin-Kakaulike-Mauli	
Kevin Drake	CABM, District	
Leahay Ball	Complex Area Superintendent, Lahaina-Hana-Lanai-Molokai	
Lori Yatsushiro	School Renewal Specialist, District	
Mark Elliott	Principal, Kakaulike H.S.	
Mark Smiths	Vice Principal, Lahainaluna H.S.	
Matt Elliot	Principal, Iao Intermediate	
Peter Ah-Kee	IT Specialist	
Rich Young	Vice Principal, Hana High & El	SAS Rep
Richard Carasso	Principal, Haiku El	SAS Rep
Ross Uiedo	Tech Support - Complex	
Tracy Bookland	Principal, Lahaina Inter	
Steve Franz	Principal, King Kamehameha III El	
Timothy Shin/Jim Jones	Principal, Kalama Intermediate	
Victoria Leworthy	Special Ed Administrator, Complex	
Mauli - Central SAC		
Diana Vieira	Teacher, Baldwin HS	
Emma Erdo	Student, Baldwin HS	
Fernanda Maldonado	Student, Baldwin HS	
Grant Nakama	Community Rep, Mauli Land and Pineapple Company	
Jamie Gomer Kovacic	Teacher/Parent, King Kakaulike HS/Kalama Inter	
Jayda Cortez	Student, Baldwin HS	
Jaymie Yorita	Teacher, Lahaihi School	
Jeanine Coombs-Todd	Teacher, Kalama Inter	
Kara Nakahashi	Student, Baldwin HS	
Leona Rocha Wilson	Community Rep	
Matthew Hirose	Student, Mauli HS	
Melia Bonfiglioli	Student, Mauli HS	
Michal Ban	Student, Mauli HS	
Michael Ban	Parent/Teacher, Mauli HS	
Petar Kovacic	Teacher/Parent, King Kakaulike HS/Kalama Inter	
Ramona Sawyer	Parent, Haka El	
Rio Kovacic	Student, Kalama Inter	
Saendene Ota	Business Member	
Sasha Kovacic	Student, King Kakaulike HS	
Tracy Nakamoto	Parent, Iao Inter/Wailuku El	
Wesley Lo	Community Rep	
Mauli - Lahaina SAC		
Aina Galam	Student, Hana Middle School	
Arianna H	Student, Hana Middle School	
Beky Lind	Community Member, Executive Director, Hana Arts	
Clayton Carvalho	Community Member, Teava Hana (facilities), basketball coach	
Duane Lemmers	Business Member, Hana Ranch	
Gray Chow	Business Member, Hana Feastiva	
Huaka Park	Student, Hana High School	SAS Rep
Irie Mizner	Student, Hana Middle School	
Jacky Pu	Student, Hana Middle School	
Janeth K	Student, Hana Middle School	
Kahelela Kauiki-Smith	Student, Hana Middle School	
Kia I Park	Student, Hana Middle School	
Kukawai Park Jeremiah	Student, Hana Middle School	
Lahainalani Park	Parent, Hana High School	SAS Rep
Leanaah Perry	Parent, Hana High School	
Mami Aina	Business Member, Asst General Manager, Travaasa Hana	
Moani Aiona	Teacher, Hana Middle School	
Nazarah HF	Student, Hana Middle School	
Rick Ruiz	Teacher, Hana High School	
Roxanne Whitehall	Parent, Hana Elementary School	
Serene Perry	Student, Hana High School	
Tyra-Lu Perry	Student, Hana High School	
Mauli - Lahaina SAC		
Ashley Dixon	Teacher, Lahainaluna H.S.	
Cristy Ramirez	Student, Lahainaluna H.S.	
Everett Balmores	Parent, Nahiemana El	SAS Rep
Grieg Poppy	Teacher, Lahaina Inter	SAS Rep
Jan Mather	Parent, King Kamehameha III El	
Jimmi Gonzales	Student, Lahainaluna H.S.	
Jocelyn Damazo	Student, Lahainaluna H.S.	
John Jensen	Student, Lahainaluna H.S.	
Kyle Killett	Student, Lahainaluna H.S.	
Mae Castillo	Student, Lahainaluna H.S.	
Orin Cro	Business, Hula Grill	
Pukalani Phillips	Teacher, Lahainaluna HS	

Name	Relationship to DOE	SAS Rep
<u>Mauli - Lanai EPC/SAC</u>		
Adam Purdy	Student- Senior, joint EPC/SAC Committee	
Allia Tan	Student- Grad 2018, joint EPC/SAC Committee	
Bachette Elyado	Student- Grad 2018, joint EPC/SAC Committee	
Baich Gima	Community Representative, joint EPC/SAC Committee	
Diane Peza	Educational Non-Profit, joint EPC/SAC Committee	
Elton Kikohira	Principal, joint EPC/SAC Committee	SAS Rep
Michelle Fule	LHS Teacher/Parent, joint EPC/SAC Committee	
Melissa Lynn Callao	Student- Grad 2018, joint EPC/SAC Committee	
Nat Rapa	LHS Foundation President/Parent, joint EPC/SAC Committee	
Nyssa Barfield	Student- Junior, joint EPC/SAC Committee	
Pam Alconcel	Director of UH Maui Lanai Education Center	
Pierce Myers	Community Member, joint EPC/SAC Committee	
Raguel Malacasia	Student- Senior, joint EPC/SAC Committee	
Roderick Samagati	Athletic Director, joint EPC/SAC Committee	
Luigi Mui	Maui District- Tech Support, joint EPC/SAC Committee	
Shennie May Vicente	Student- Sophomore, joint EPC/SAC Committee	
Stacie Rozauil Nefalar	Parent Rep, joint EPC/SAC Committee	
<u>Mauli - Molokai EPC</u>		
Alison Peier	School Renewal Specialist, Complex	
Daniel Espanola	Principal, Kaunakakai EI	
Dawn Oyer Mains	Principal, Molokai Middle	
Yu Yamamoto	Principal, Maunaloa EI	
Yamso Pali	Vice Principal, Molokai HS	
Marilyn "Thert" Simms	Principal, Kilaheua EI	SAS Rep
Ross Udeed	Tech Support, District	
Staci Gonzales	School Psych, Complex	
Stanford Hao	Principal, Molokai HS	
Will Carlson	District Education Specialist, Complex	
<u>Mauli - Molokai SAC</u>		
Diane Mokuau	Teacher, Molokai HS/former teacher at Maunaloa EI	SAS Rep
Eileen "Lei" Kahoali	Parent, community	
Evelyn Haase	Student, Molokai High School	
Jalen Kalena	Student, Molokai High School	
Kaitlin Dersaun	Student, Molokai High School	
Kau'i Manera	Parent	
Kimberly Ka'i	Teacher, Kaunakakai School/former teacher at Maunaloa EI	
Kimberly Svein	Community	
Lyin Book	Community	SAS Rep
Marcus Kanemitsu	Parent, community	
Matt Collins	Teacher, Kilaheua EI	
Pancho Alcon	Community	
Penney Martin	Community	
Peter Pali	Community	
Sandra Czajkowski	Teacher, Molokai Middle	
Susan Nartez	Community College, MCC - Molokai Education Center	
Wendy Espanola	Teacher, Maunaloa EI	
<u>Kauai EPC</u>		
Aime Kane	Principal, Kapa'a High	
Bill Azackali	Complex Area Superintendent, Kauai District	
Brent Mizutani	SRS, KIP, Kauai District	SAS Rep
Chesne Cabral-Kitamura	SRB/ASD, Kauai District	
Corey Nakamura	Principal, Wilcox Elementary	
Daniel Hamada	Principal, Kapa'a High	
Gail Nakaahiki	CABM, Kauai District	
Jason Koluma	Principal, Kapa'a Elementary	
Julia Sanderl	Vice Principal, Kapa'a Middle	SAS Rep
Kelly Knudsen	Special Ed, Kauai District	
Lila Kuboyama	CTE Coordinator/RT, Kauai District	SAS Rep
Lynn Antonio	ASA, Kapa'a	
Melissa Speetjes	Principal, Waimea Canyon Middle	
Paul Zina	Principal, Elelee Elementary	
Shariene Morimoto	ASA, Waimea	
<u>Kauai SAC</u>		
Alyson Casazola	Student, Kauai HS	
Angelinae Bangkok	Student, Kauai HS	
Becky Santos	Parent, Kapa'a Elementary	SAS Rep
Dawn Tabo	Teacher, Kapa'a HS	
Edwin Sawyer	Business, Kauai Film Academy	
Elbet Lucas	Business, Kauai Film Academy	
Emmi Esaki	Teacher, Kapa'a HS	
Heidi Tokuda	Teacher, Kapa'a Elementary	
Ian Nitza	Teacher, Kapa'a HS	
Kaiah Vercelli	Student, Kapa'a HS	
Kevin Matsunaga	Teacher, Chiefless Kamakahahele Middle	
Levi Golan	Teacher, Wilcox EI	
Laurelle Riola Catbagban	Teacher, Elelee Elementary	
Lelia Nelson	Student, Kapa'a HS	
Matthew Snowden	Teacher, Waimea Middle	
Rachel Dressler	Student, Kauai HS	
Rafael Sufuentes	Student, Kapa'a HS	SAS Rep
Rob Ladendercker	Community College, Kauai Community College	

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	Relationship to DOE	SAS Rep
<u>Oahu - Leward EPs</u>		
Amy Martinson, Neil Battad	Principal, Vice Principal, Highlands Intermediate	
Andrew Moody	Asst. Dir. Director, Nanakuli High & Inter	
Ann Kahi	Complex Area Superintendent, Nanakuli-Waianae	
Christopher Benilla	Principal, Ilima Intermediate	
Daniel Addis	SMS, Waianae Complex	SAS Rep
Darin Pilaohia	Principal, Nanakuli High & Inter	
Deanne Mandac	ASA, Kapolei	
Debra Knight	Principal, Nanakapono EI	
Disa Hauga	Principal, Waianae HS	SAS Rep
Erin Crowell	ASA, Kapolei	
Hanh Nguyen	Principal, August Ahrens EI	
Jody Agallala	SPED DES, Pearl City Waipahu	
John Wazuhia	Principal, Waianae Inter	
Jon Henry Lee	Principal, Campbell HS	
Jon Kinoshita	IT Specialist	
Jon Onyoe	ASA, Pearl City	
Jordan Higa	IT Specialist, Campbell-Kapolei	
Joseph Hoffmann	Principal, Pearl City HS	
Keith Hayashi, Meryl Matsumura	Principal, Vice-Principal, Waipahu HS	
Keith Hui	Complex Area Superintendent, Pearl City-Waipahu	
Lauren Dunn	Principal, Hookele EI	
Lisa Higa	Principal, Nanakuli EI	
Lisa Hockenberger	PE Resource Teacher, District	
Ms. Terry Holick	Resource Tchr, Common Core State Standards, Waianae Complex	
Nelson Shigeta	Principal, Makaha EI	
Niraliyi Okuna	ASA, Nanakuli	
Randall "Randy" Mura	Principal, Leihoku EI	
Randall Dunn	Principal, Waipahu Intermediate	
Richard Fajardo	Principal, Kapolei Middle	
Rie Kodama	ASA, Campbell	
Sean Tajima	Complex Area Superintendent, Campbell-Kapolei	
Stacy Kanihira	Principal, Kanihoni EI	
Stevy Tamashiro	Principal, Ewa EI	
Tammy Miller	CTE Coordinator, District	
Wendy Kinoshita	ASA, Waipahu	
Wesley Shinkawa	Principal, Kapolei HS	
<u>Oahu - Leward SAS</u>		
Amber O'Neal	Student, Waipahu HS	
Angel Kaho	Parent, Waianae Inter	
Angelae Kaeo	Parent, Nanakapono EI	
Angelo Laskowsky	Teacher, Pearl City Highland	
Ashley O'Neil	Teacher, Makaha EI	
Cesar Seregona	Parent, Campbell HS	SAS Rep
Cesrell Nakamura	Parent, Waipahu HS	
Christel Licores	Community Rep, Waianae Resident	
Clyde Suzuki	Parent, Pearl City HS	
Daniella White	Student, Campbell HS	
Dewei O'Neal	Parent, Waipahu HS	
Dominick Quijamas	Student, Waipahu HS	SAS Rep
Eugene Pascual	Teacher, Makaha EI	
Gail Kono	Community Rep, Retired Educator	
Gerardine Averion	Student, Kapolei HS	
Hunter Cummings	Community Rep, Challenger Center Hawaii	
Ian Pelayo	Teacher, Kapolei Middle	
Jill Fletcher	Teacher, August Ahrens	
Jonathan Hirota	Parent, Waianae Inter	
Josette Germano	Student, Nanakuli High & Inter	
Kazuo Takano-Nekuwewa	Teacher, Holomua EI	
Kristi Oda	Parent, Waikiki Elementary	
Lisa Kaneshiro	Student, Campbell HS	
Maya Abarca	Parent, Nanakapono EI	
Mrs. Keala Nunaha	Parent, Nanakuli High & Inter	
Nalani Schmidt-Sakaba	Principal, Hookele EI	
Natalie Hoppling	Teacher, Kapolei Middle	
Robert Carter II	Teacher, Ilima Inter	
Sarah Millicent Laffin	Teacher, Momiani Elem	
Shane Asselstine	Teacher, Waipahu Inter	
Susan Marcell	teacher, Ewa Elementary	
Terri Trewhartha	Teacher, Waipahu HS	SAS Rep
Tessie Lumabao	Parent, Pearl City Highland	
Tina Chan	Student, Waipahu HS	
Vincent Ganiron		

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